

Device

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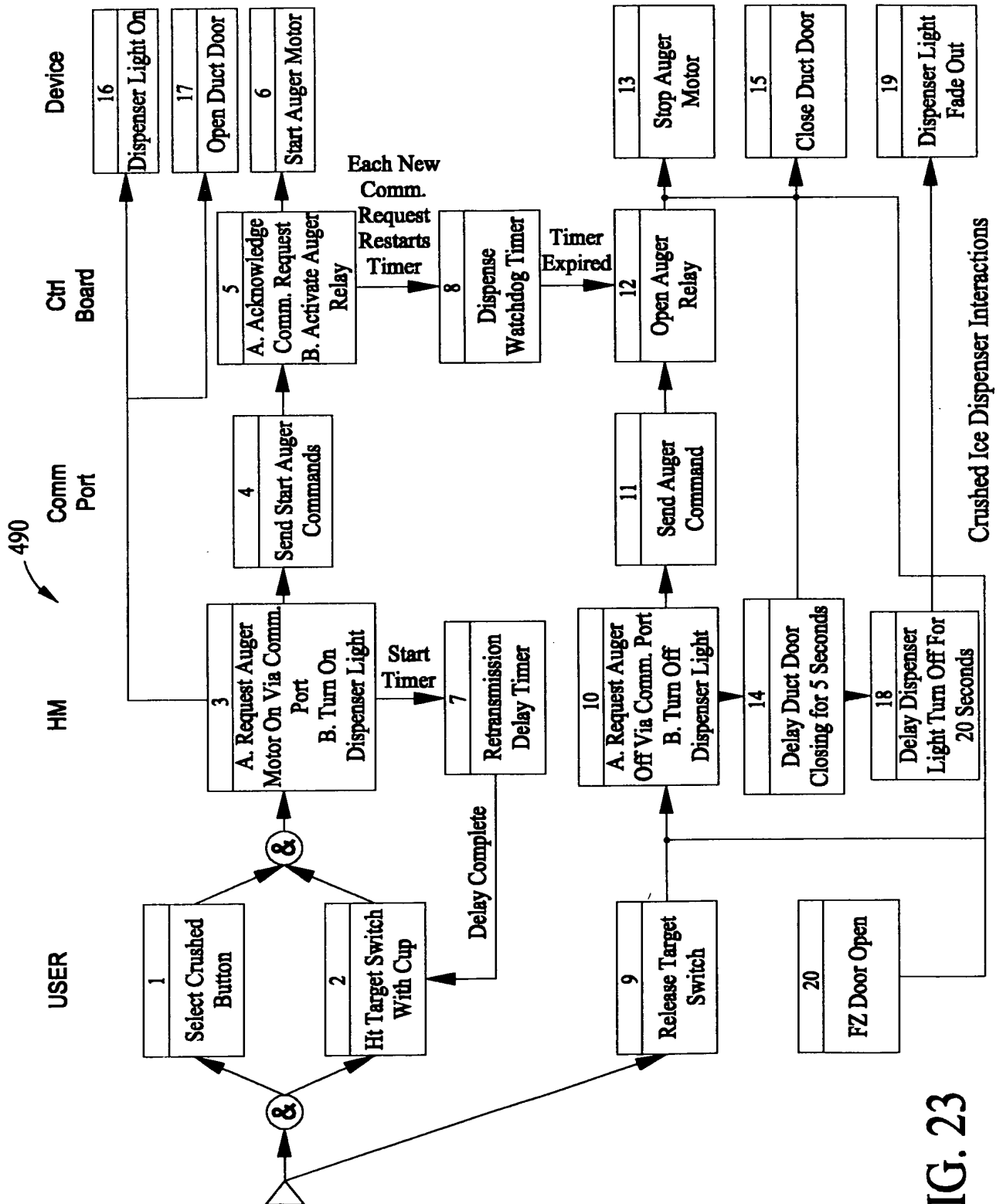


FIG. 23



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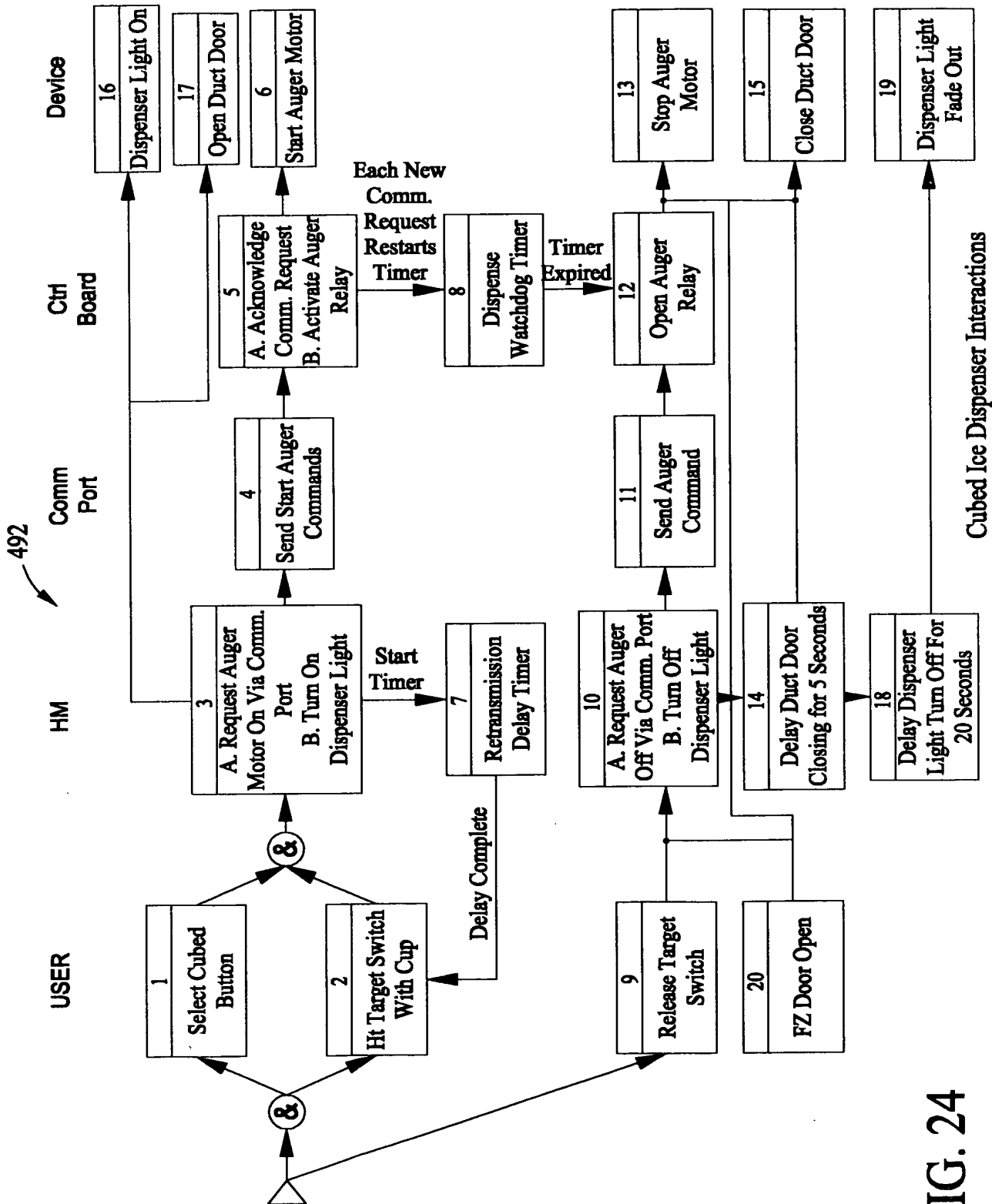
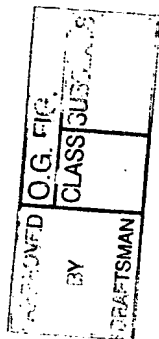
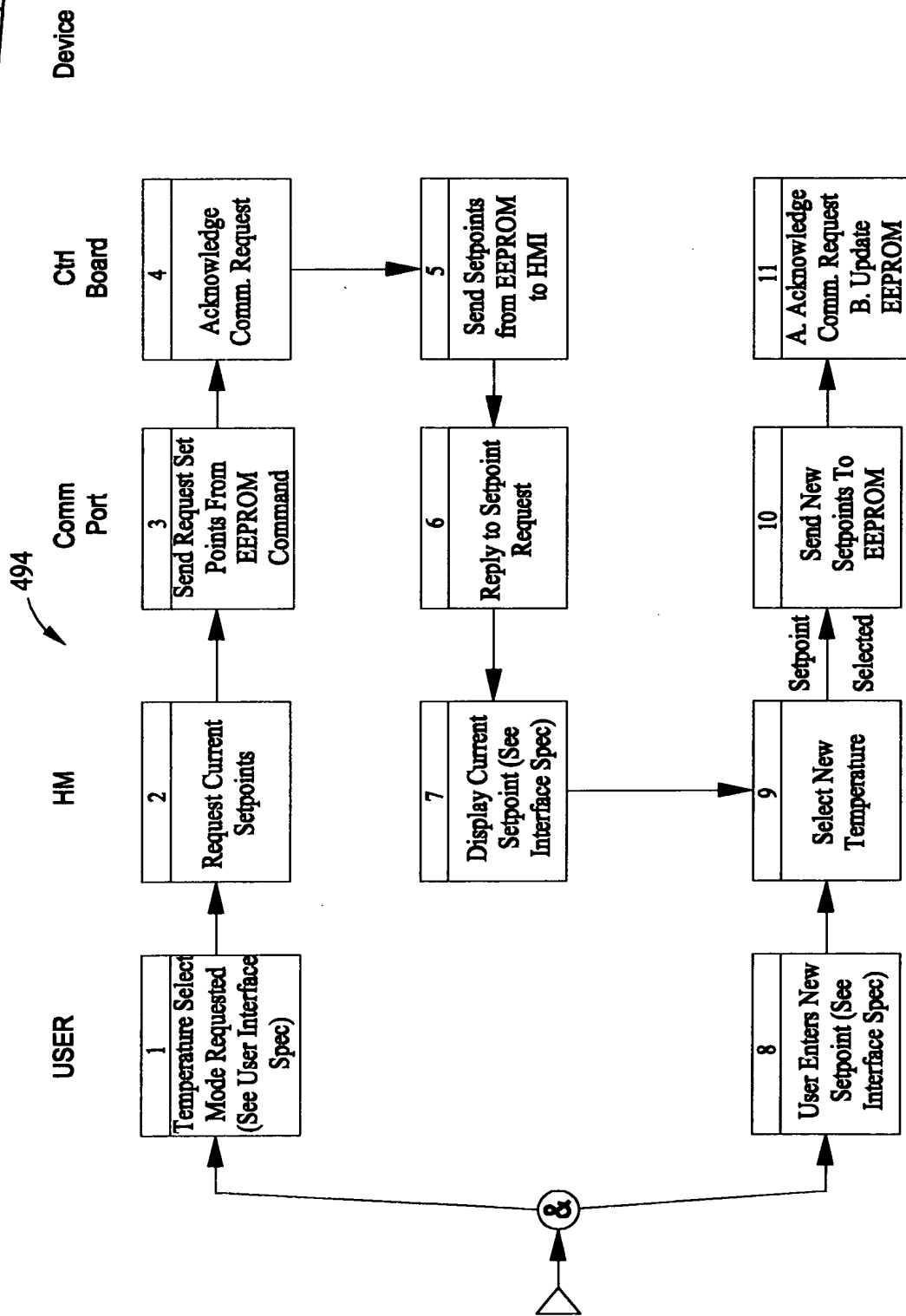


FIG. 24



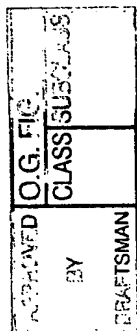
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NOTE: Setpoint Selected implies that the final selection has been made and that the selection has timed out.

FIG. 25

Temperature Setting Interaction Diagrams



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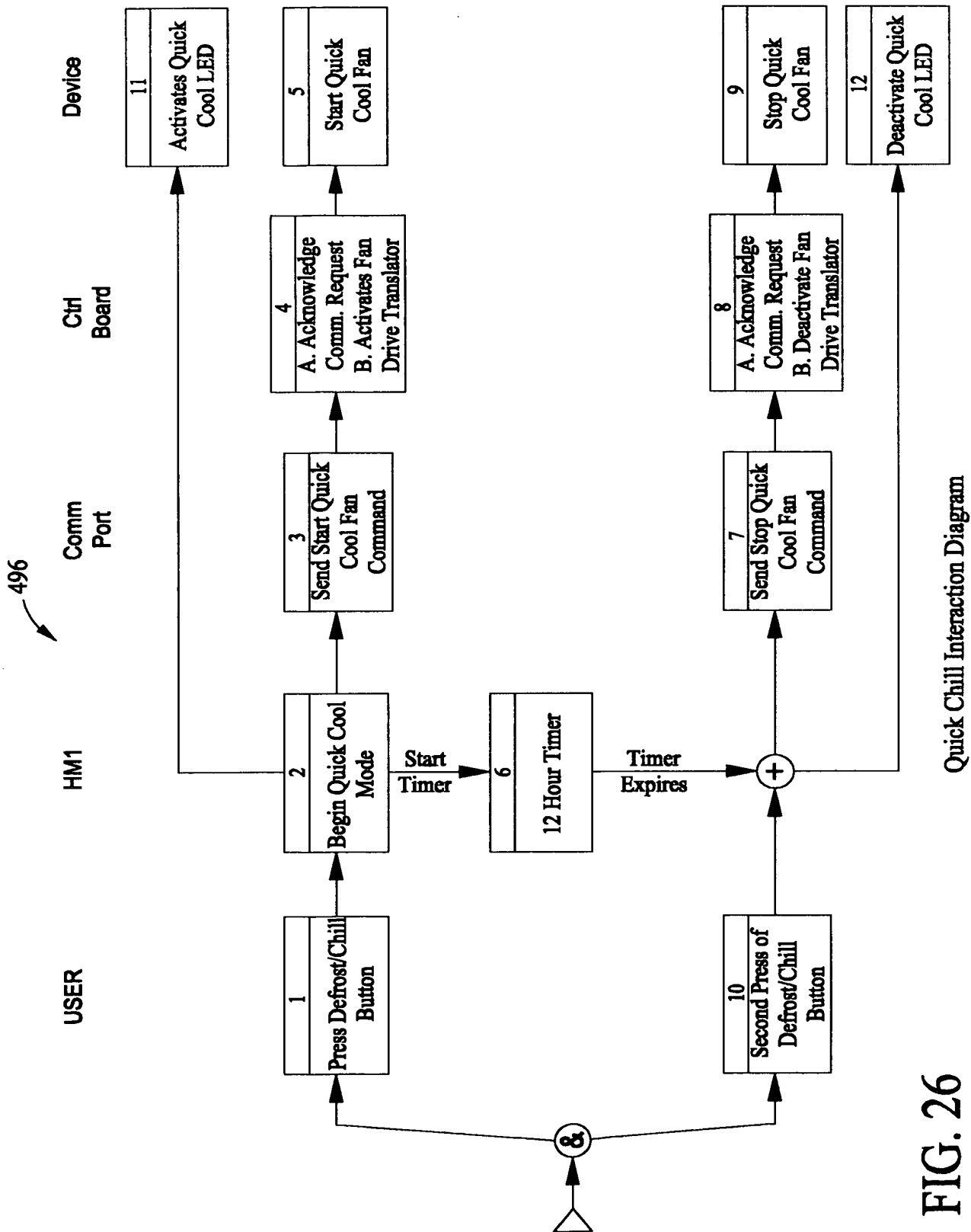
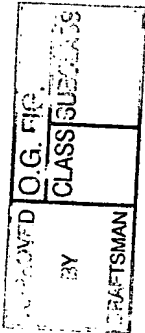


FIG. 26



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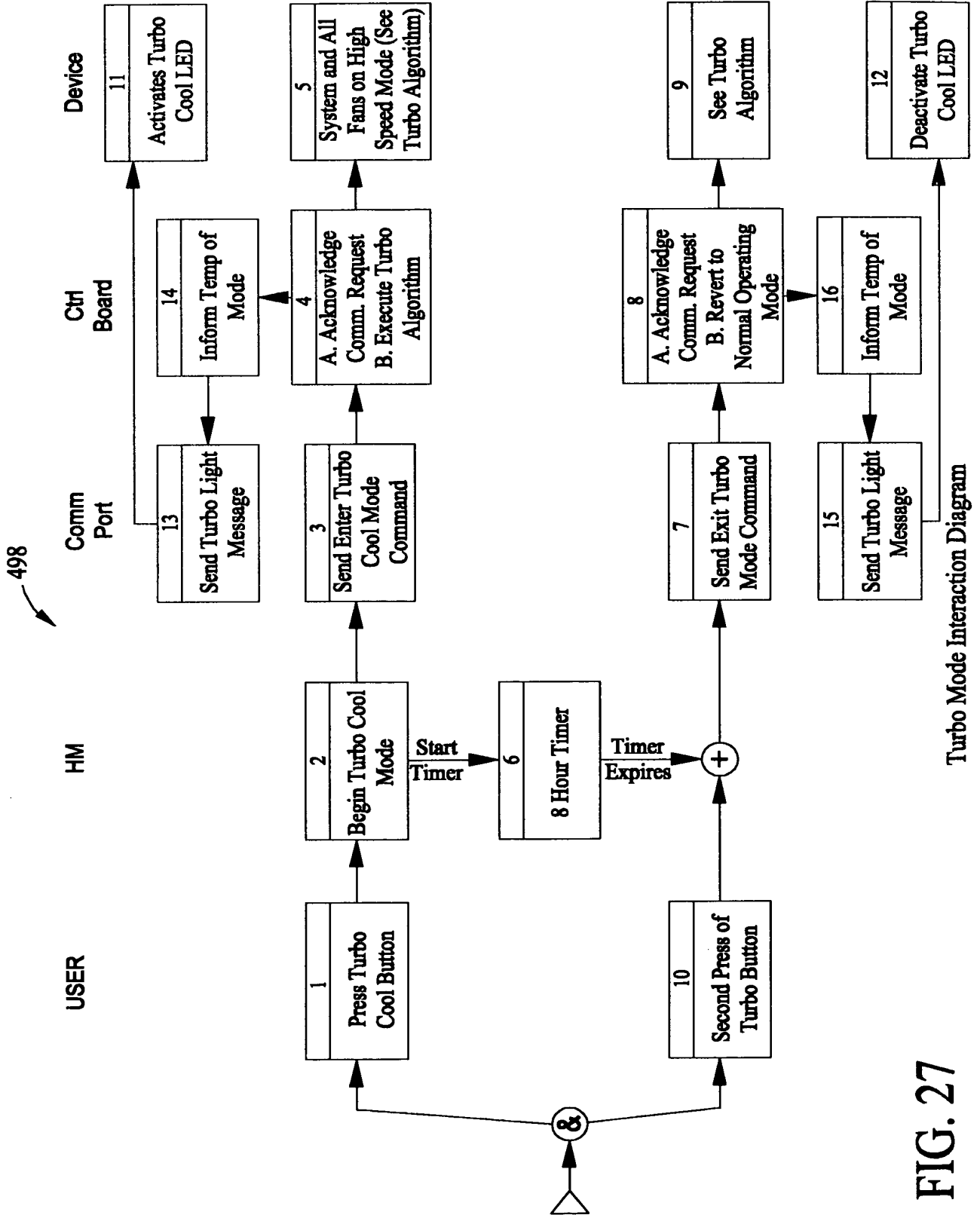
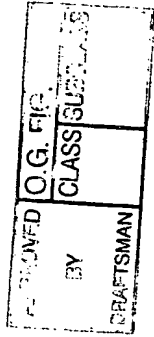


FIG. 27



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500

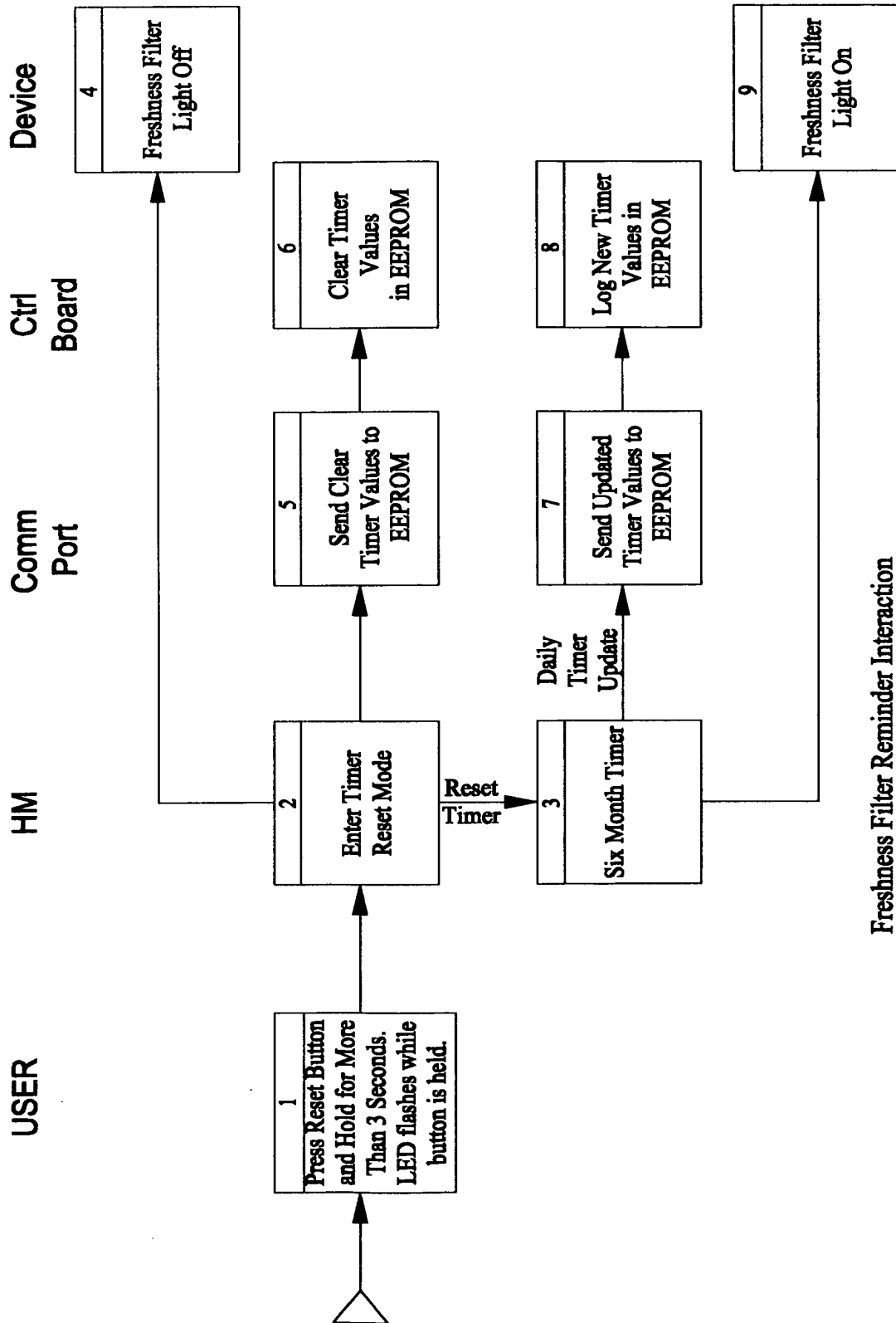
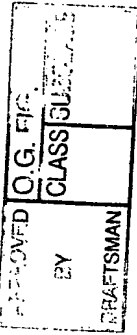
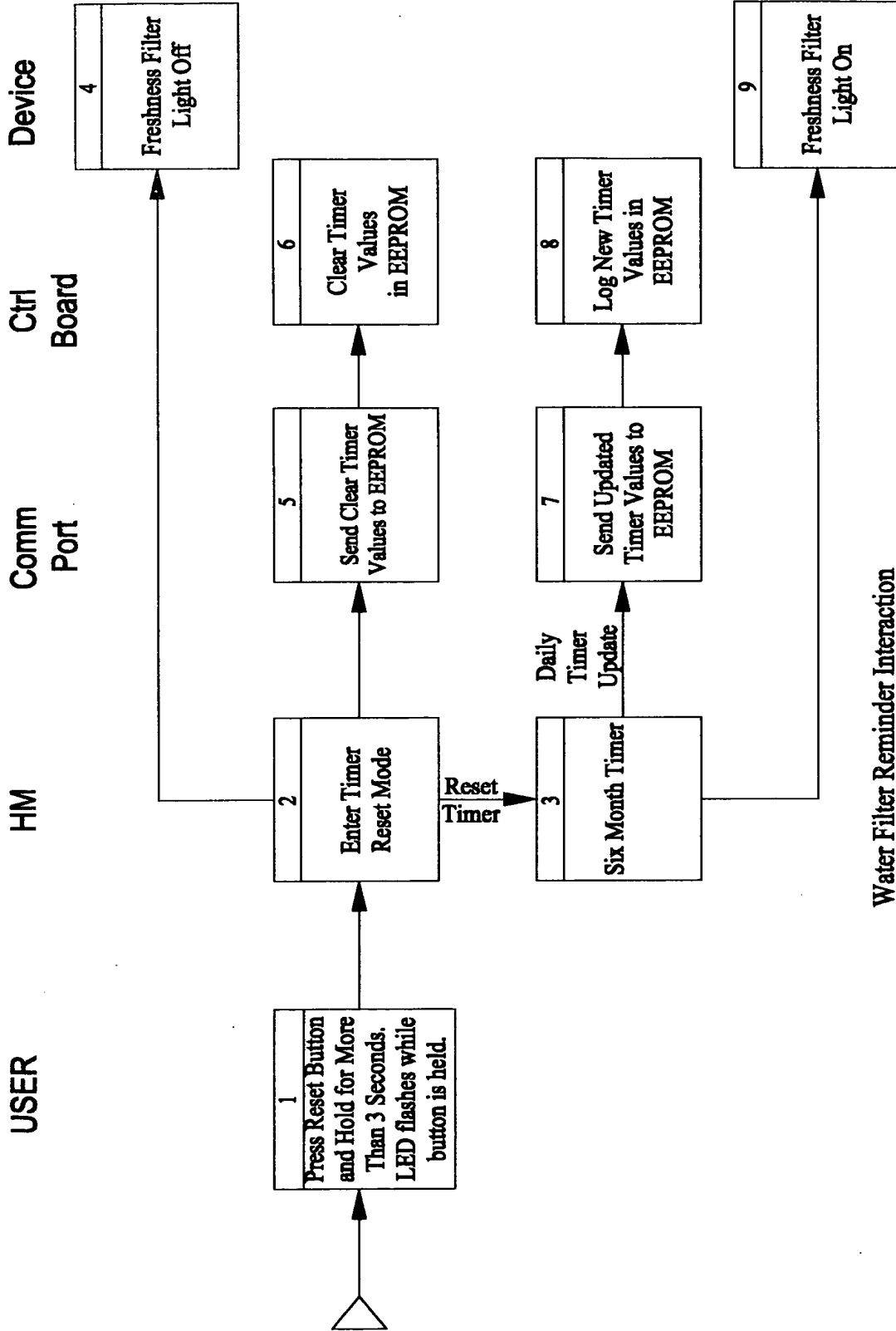


FIG. 28



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502



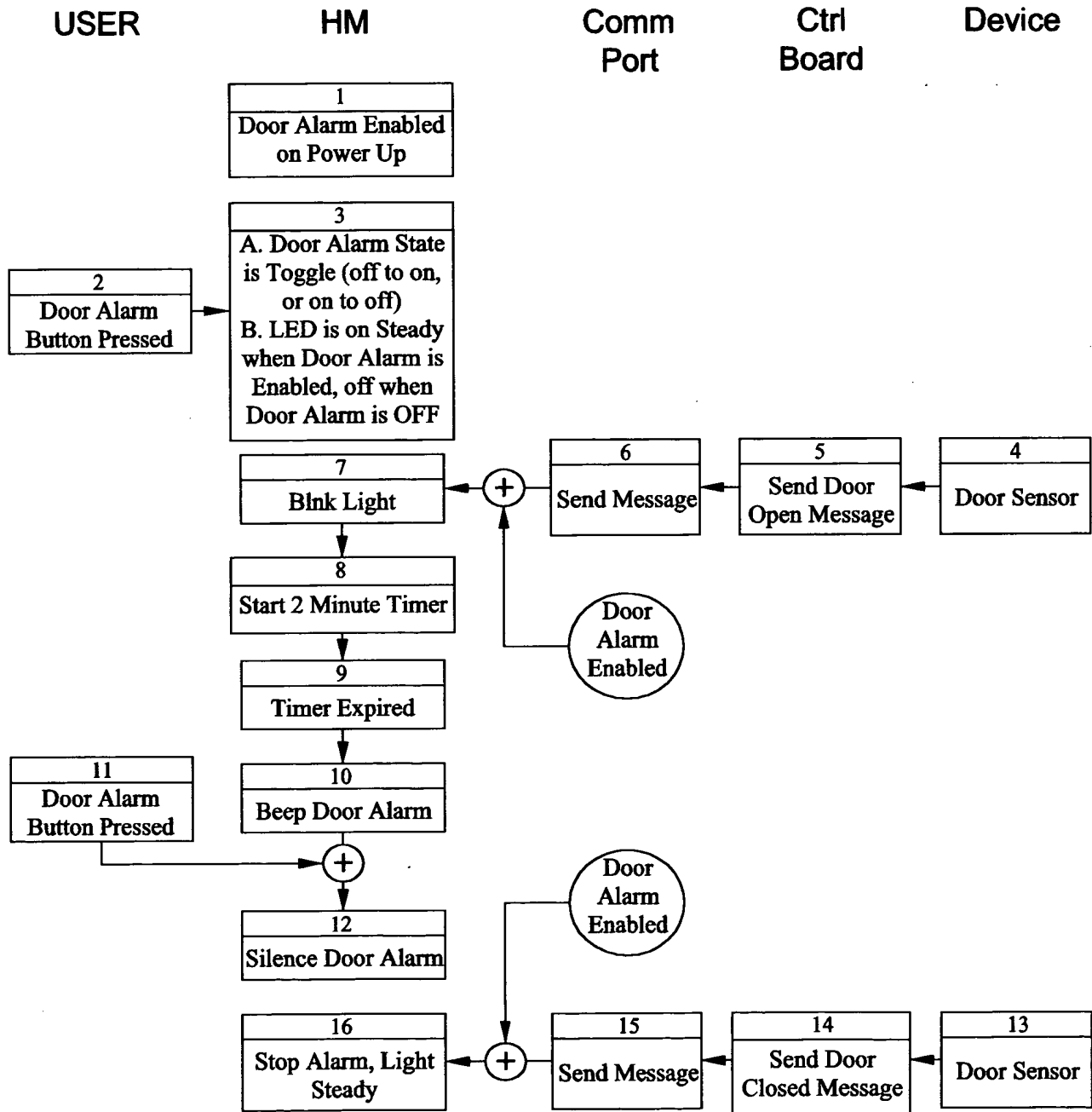
Water Filter Reminder Interaction

FIG. 29

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 O.G. FIG.
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Door Open Interaction Diagram

FIG. 30



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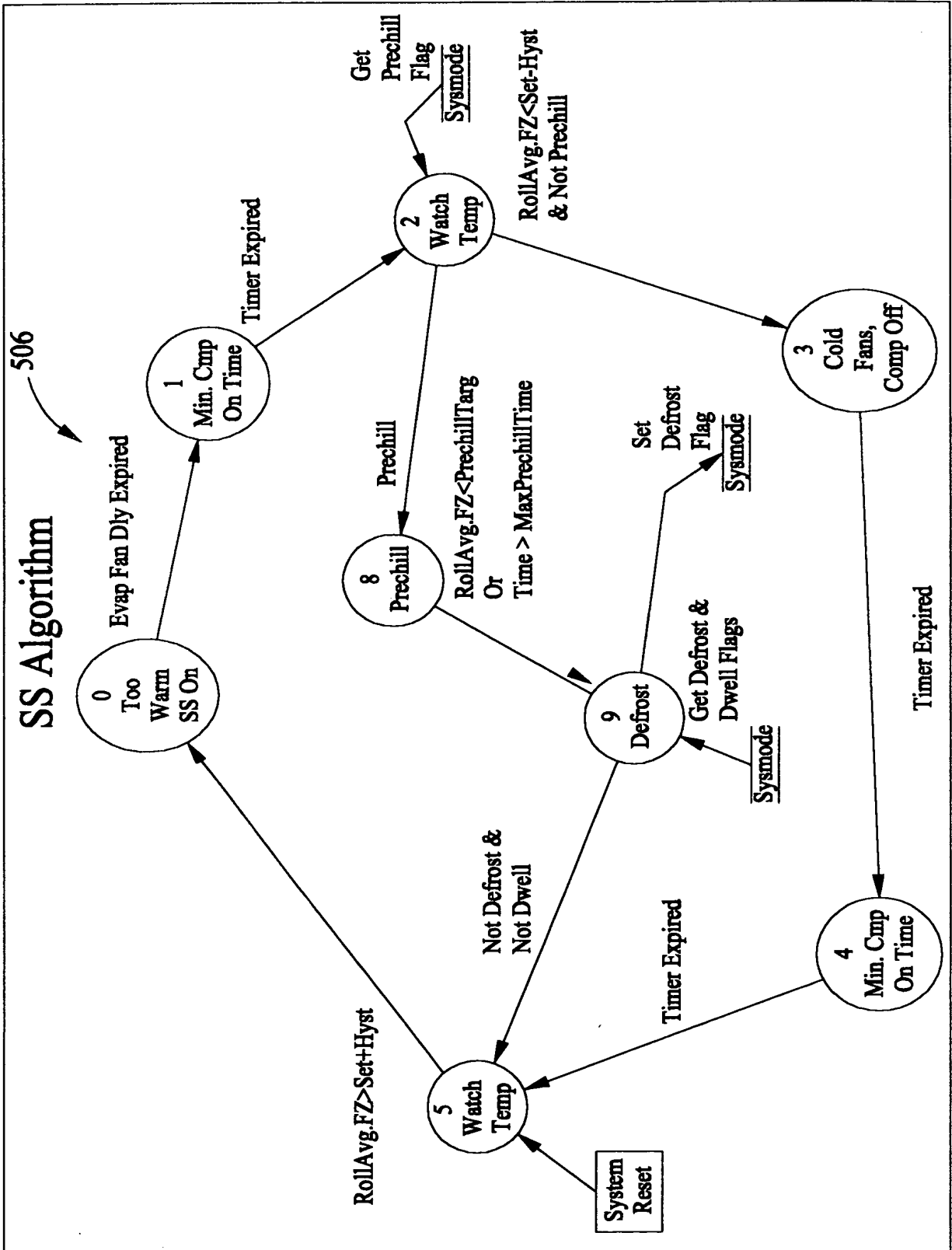
Serial No.: 09/742,545

Atty. Dkt. No.: 9D-HR-19396

Title: REFRIGERATOR - ELECTRONICS ARCHITECTURE

John S. Beulick; Armstrong Teasdale LLP, One Metropolitan Square,
St. Louis, MO 63102 (314) 621-5070

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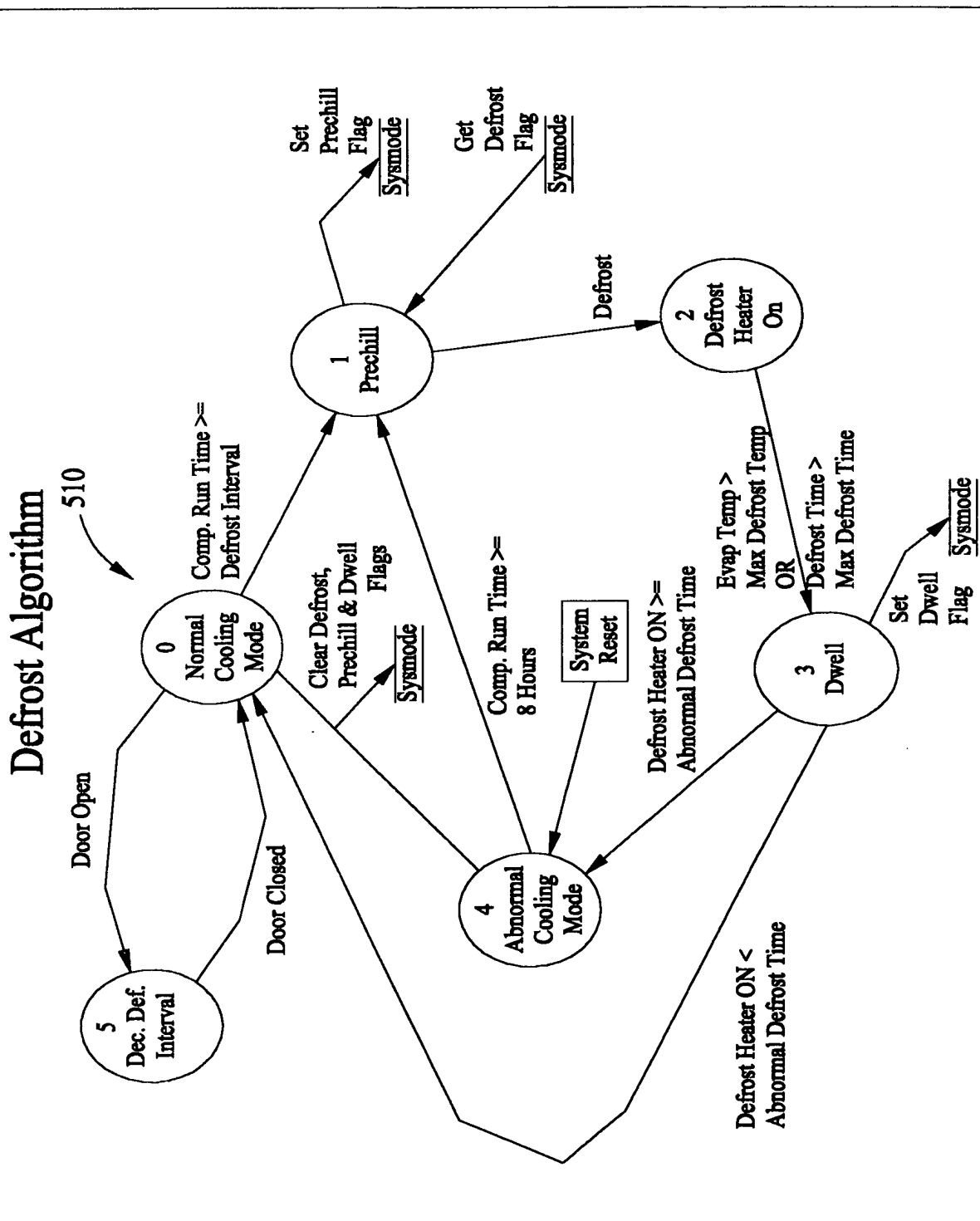
Sealed System Operational Algorithm

FIG. 31



APPROVED	O.G. FIG.
BY	CLASS. CLERK
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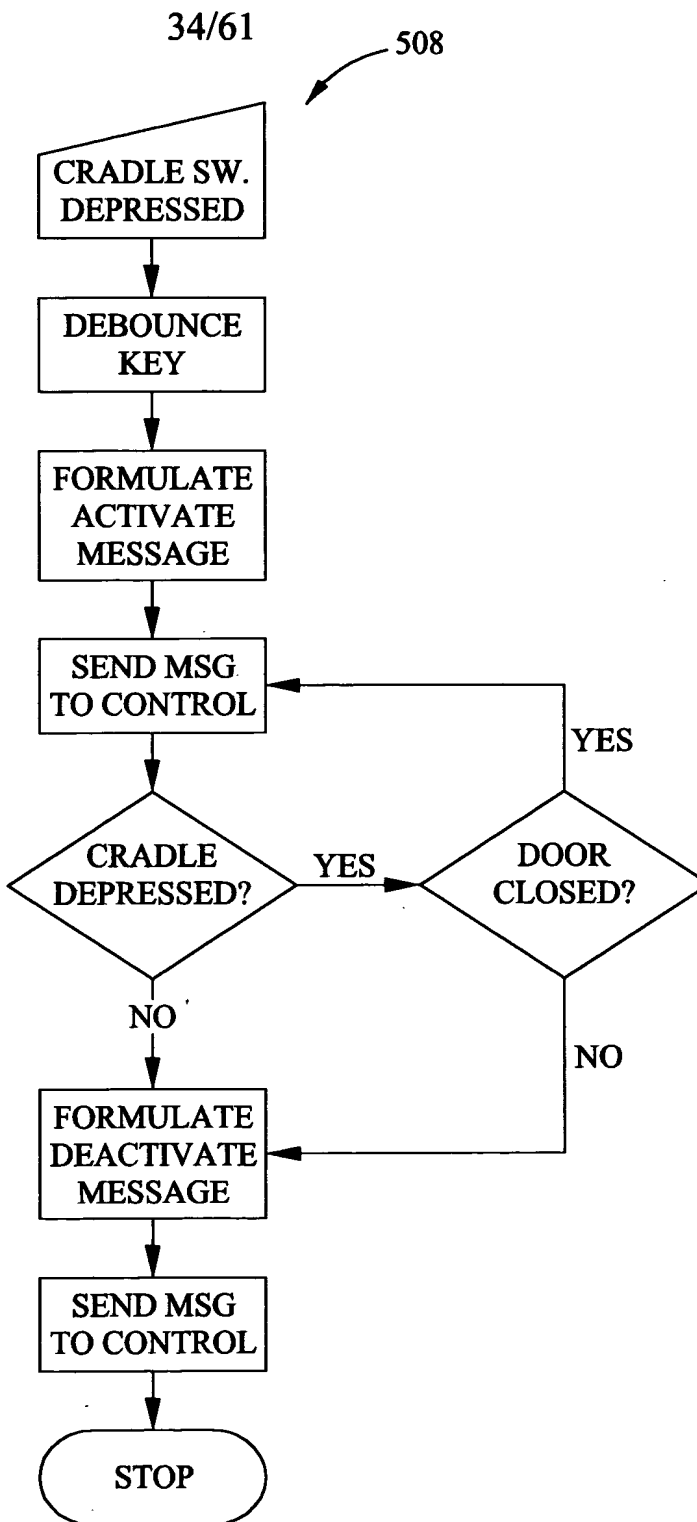
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Defrost Control State Diagram

FIG. 33

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O.G. FIG.	CLASS	SUBCLASS

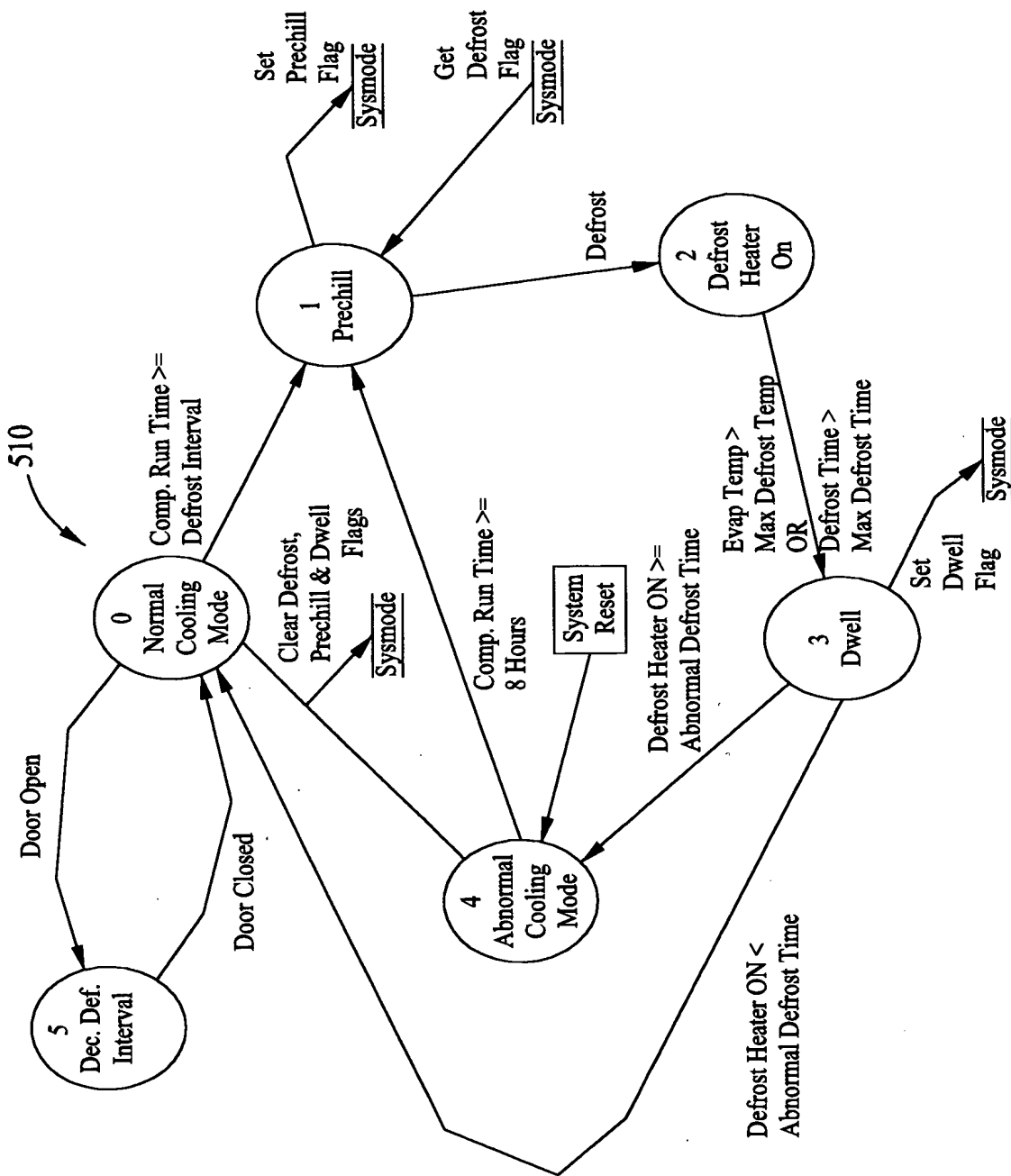


Dispenser Control Algorithm

FIG. 32

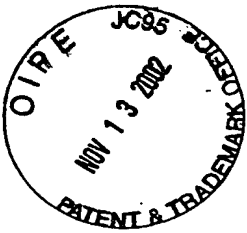
APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
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Defrost Algorithm



Defrost Control State Diagram

FIG. 33



APPROVED	O.G. FIG.
BY	CLASSIFICATION
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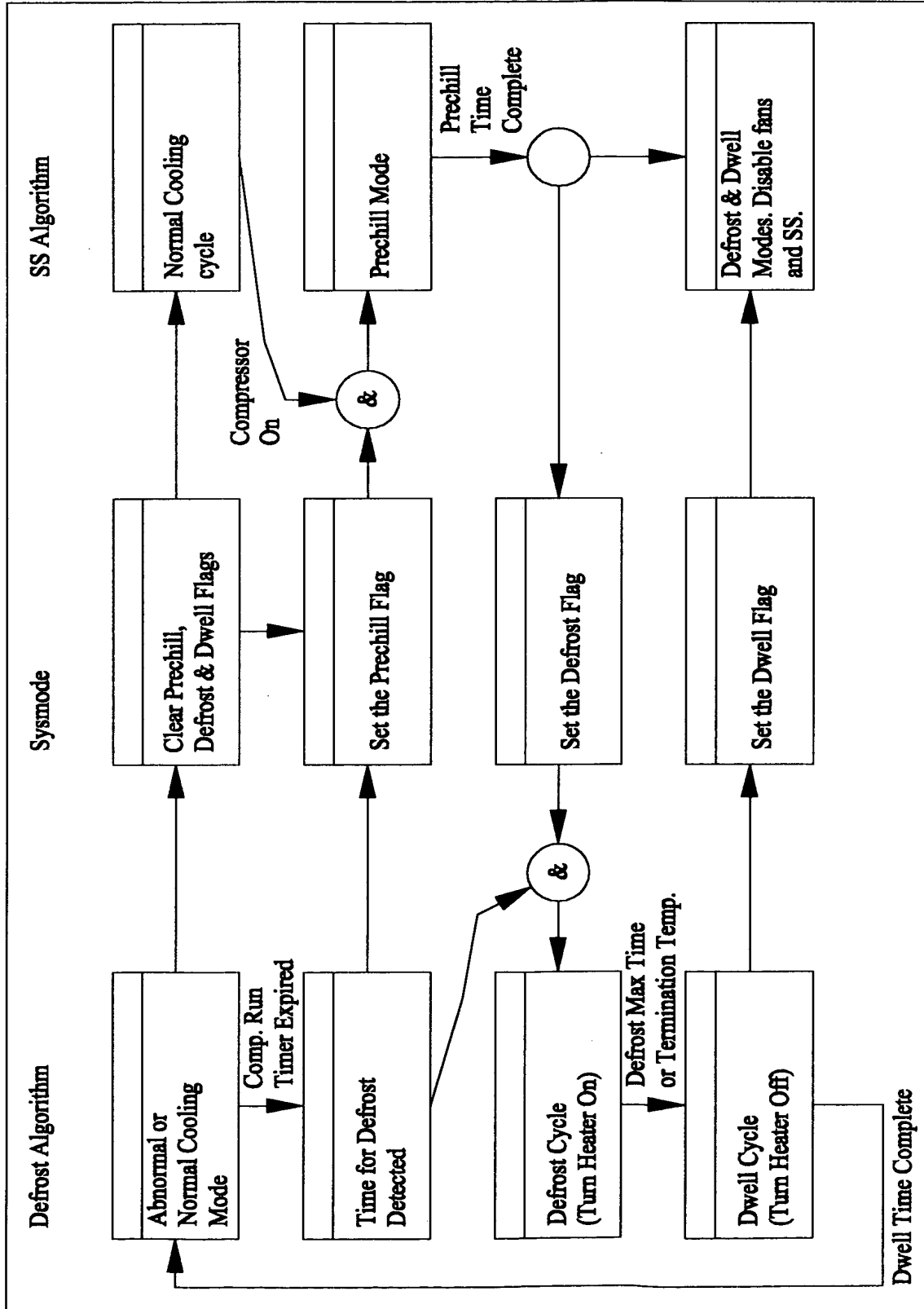
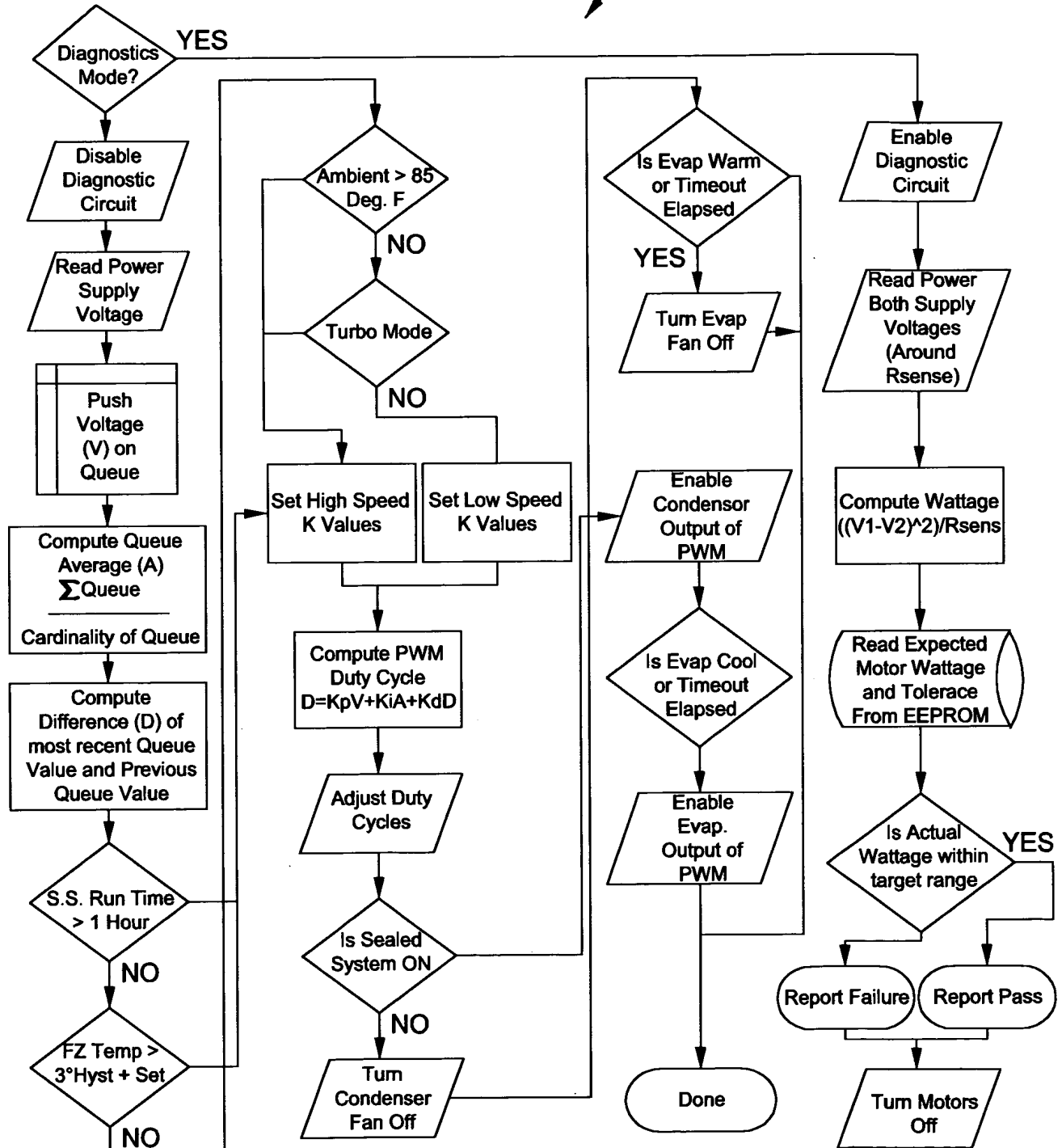


FIG. 34

Evap. & Cond.Fan Control:

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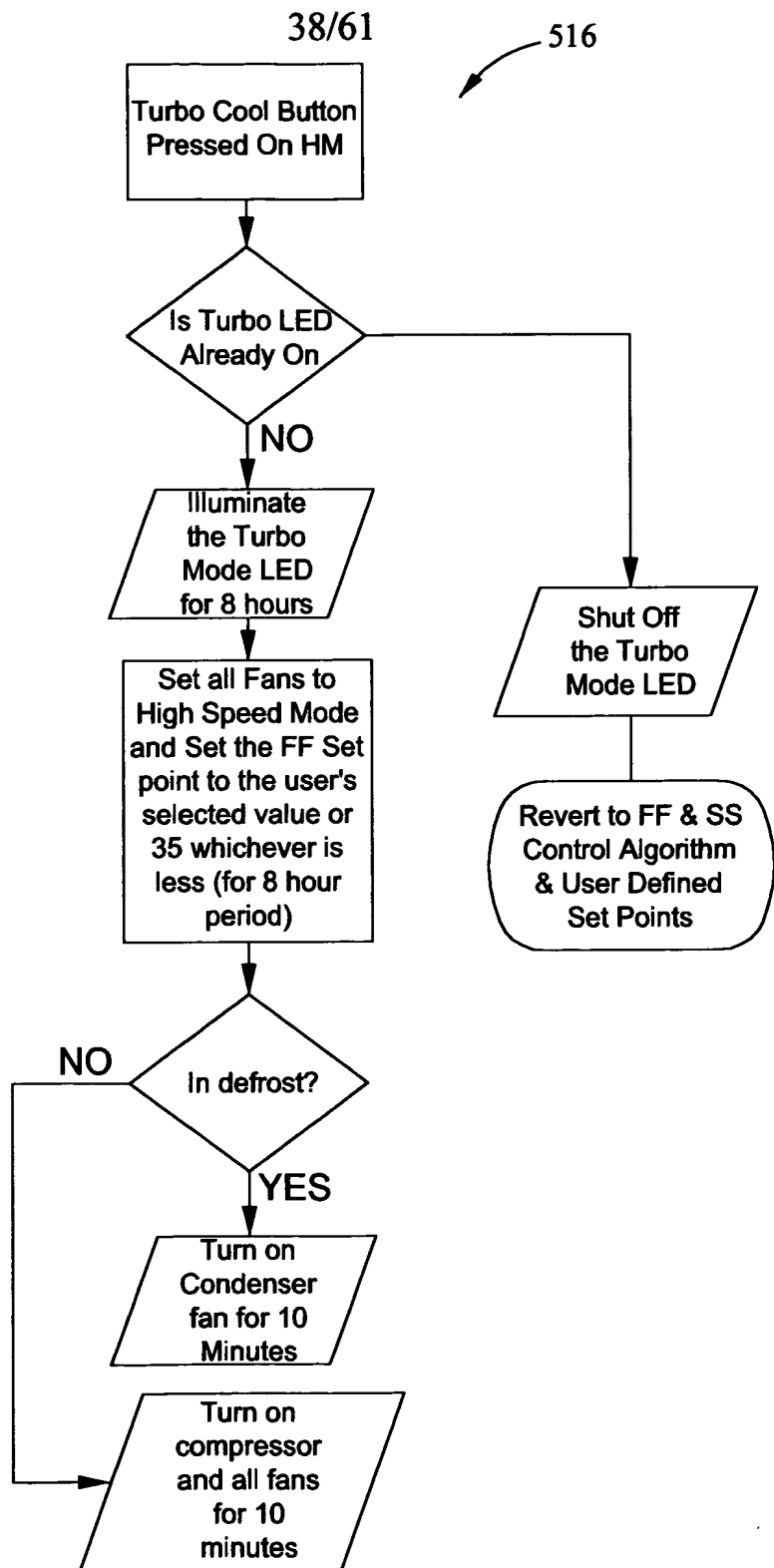


Fan Speed Control

- Notes:**
1. The FF & Evaporator fans will shut off for the first five minutes that the door is open
 2. Only one fan at a time can be on at a time during diagnostics.
 3. Once the fan has been switched to high speed, it remains in that state until the operational cycle is complete.

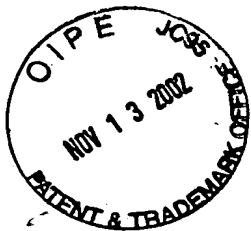
FIG. 35

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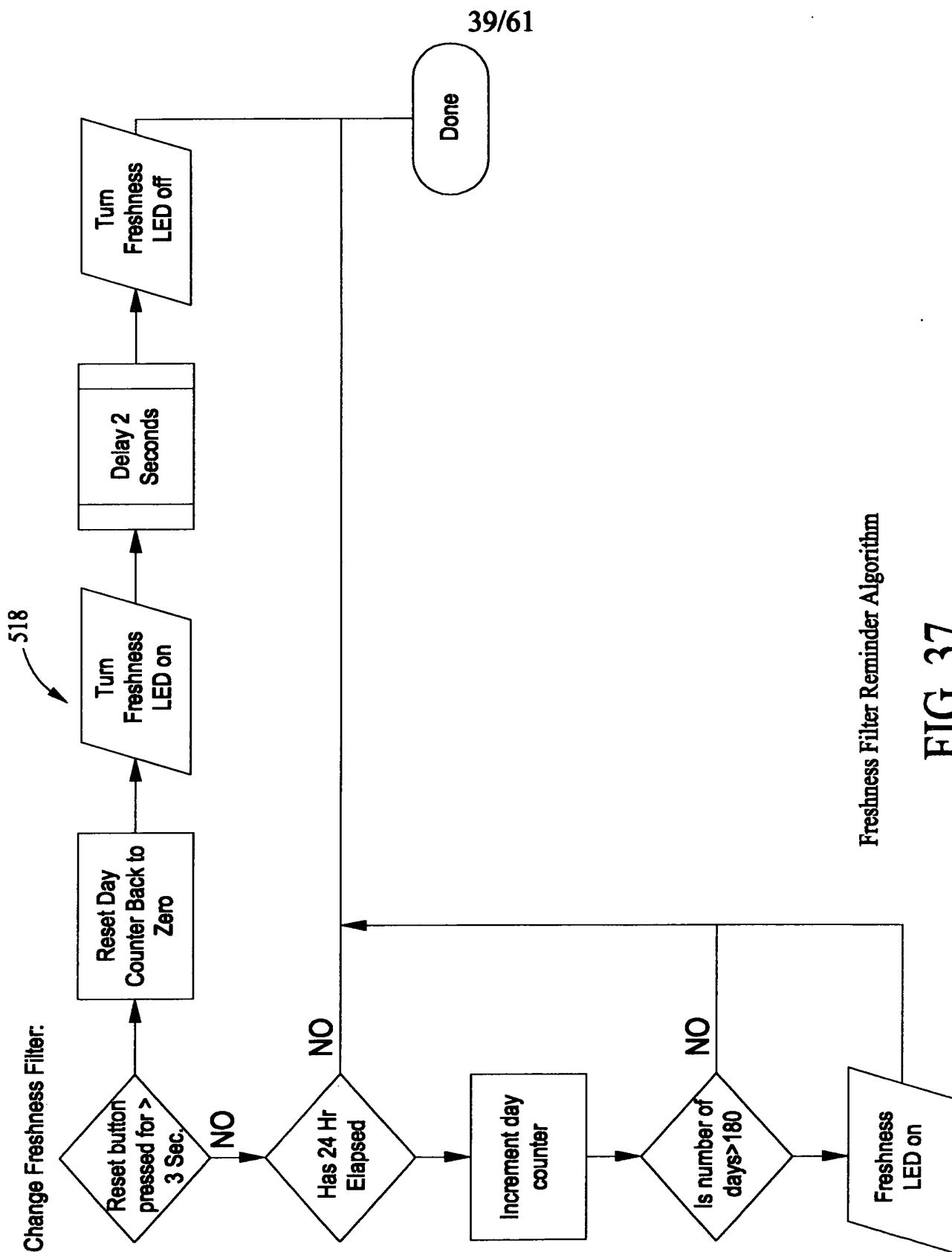


Turbo Cycle Algorithm

FIG. 36

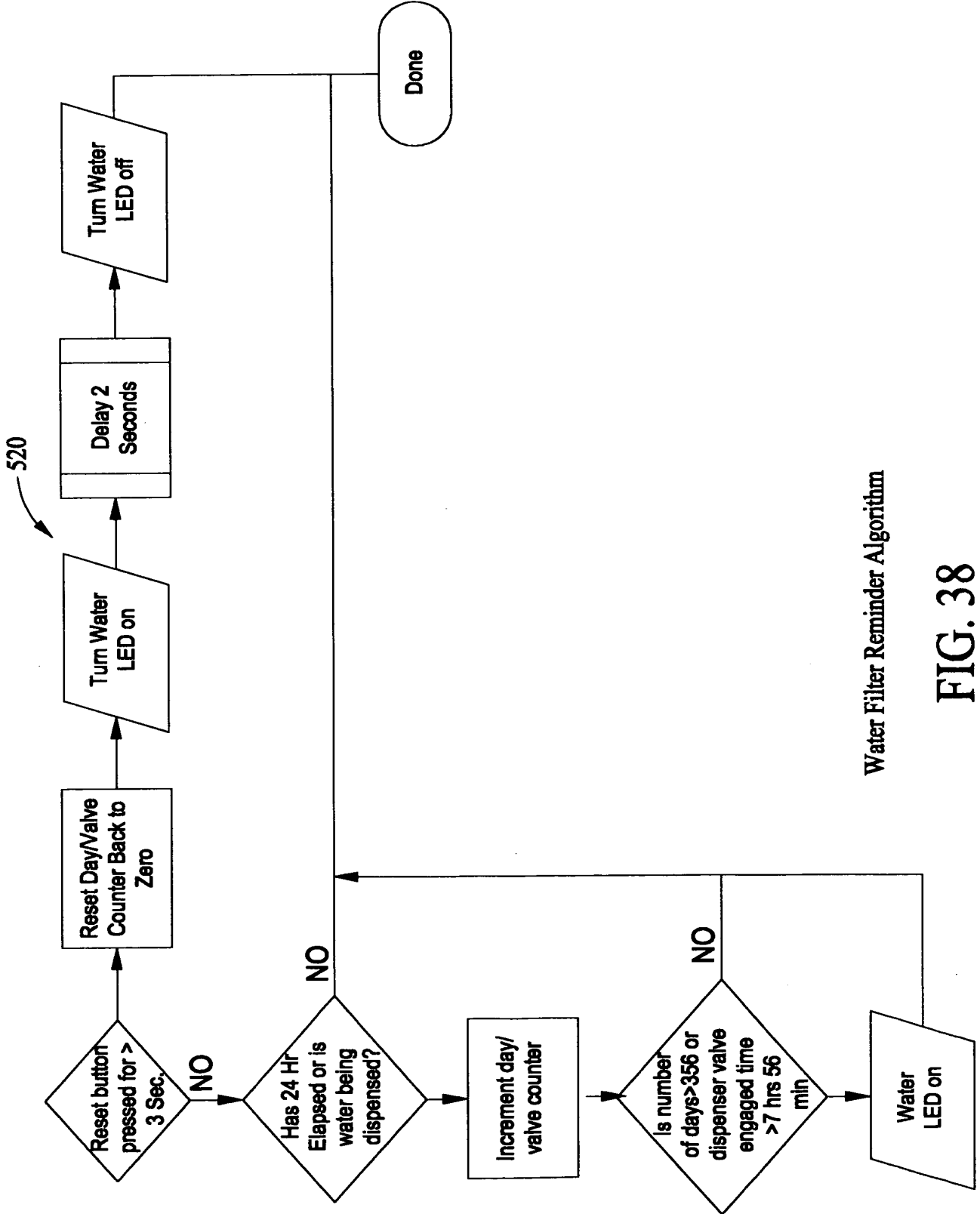


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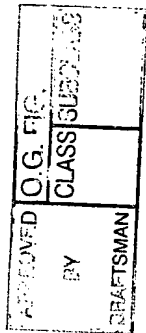


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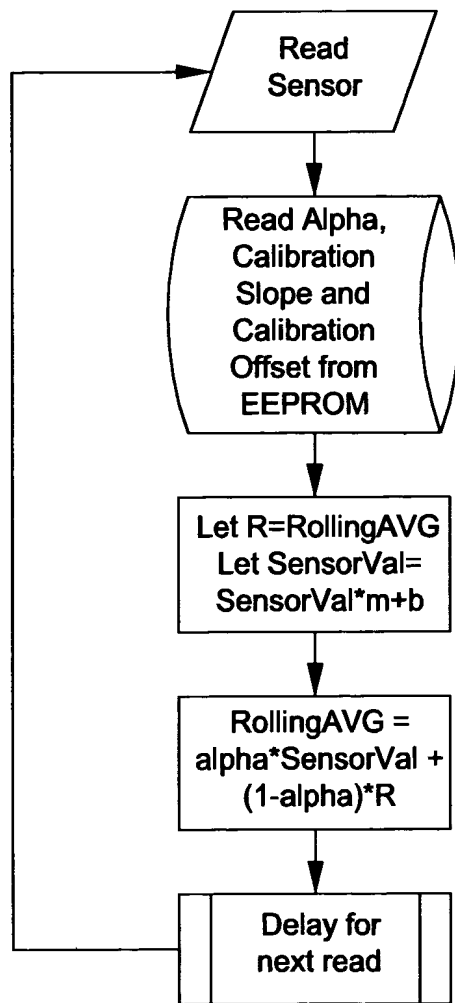


Water Filter Reminder Algorithm

FIG. 38



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 SENSOR READ AND ROLLING AVERAGE ALGO: 522



NOTE:
 Sensor Reading Algorithm
 Fresh food average uses this algorithm twice to create a 2nd pole filter.

FIG. 39

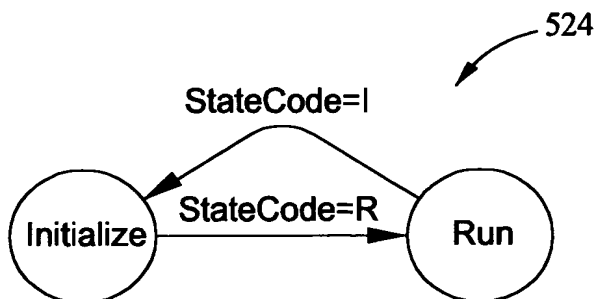


FIG. 40



CLASSIFIED	O.G. FIG.
BY	CLASSIFIED
CRAFTSMAN	

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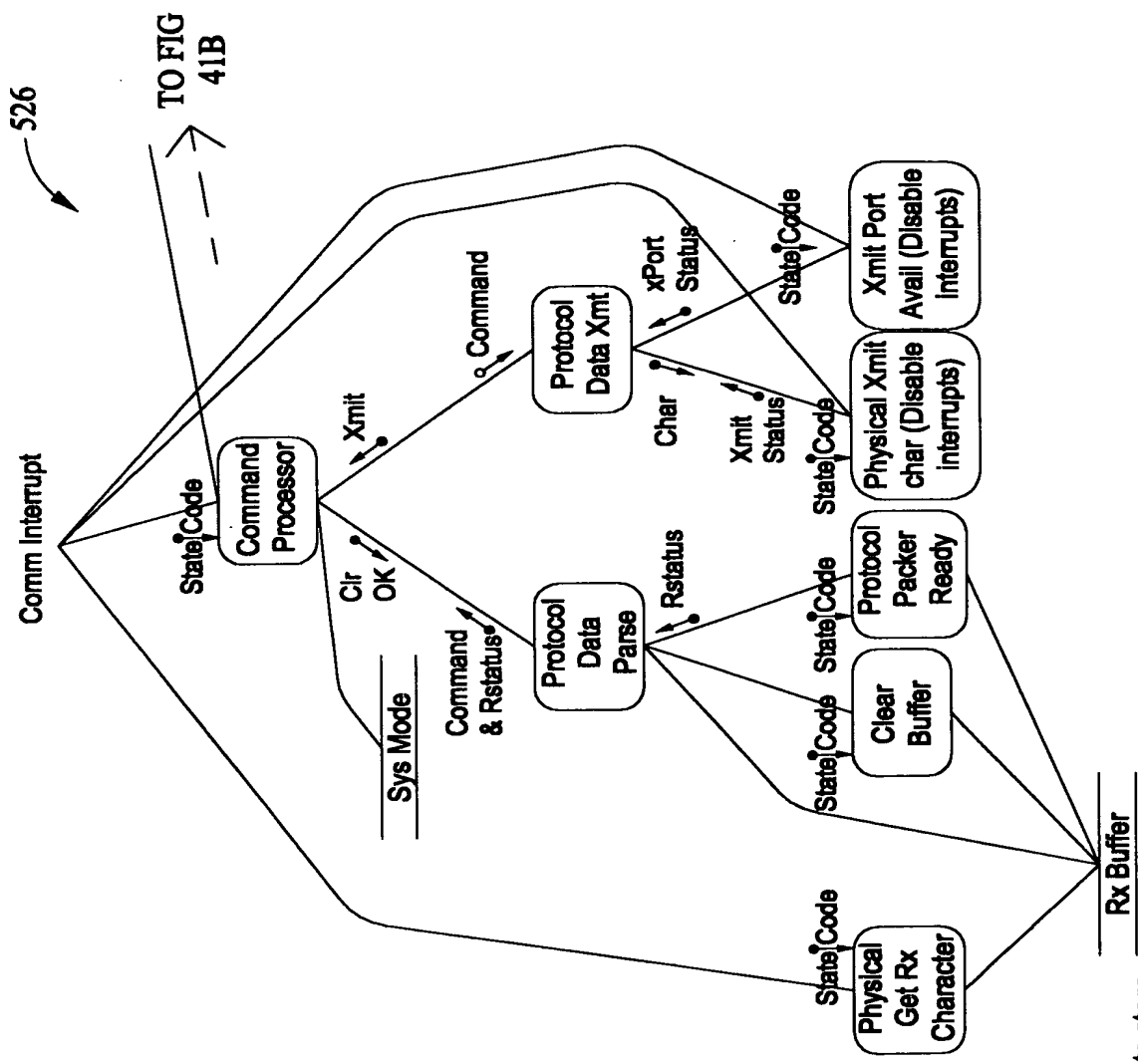


FIG. 41A

Note: Any Routine is allowed to read a data store
any data store.
The command processor can read or write
Dashed line indicates a path for initialization only



FILED	O.G. FIG.
BY	CLASS. JURY
TRAFFICSMAN	

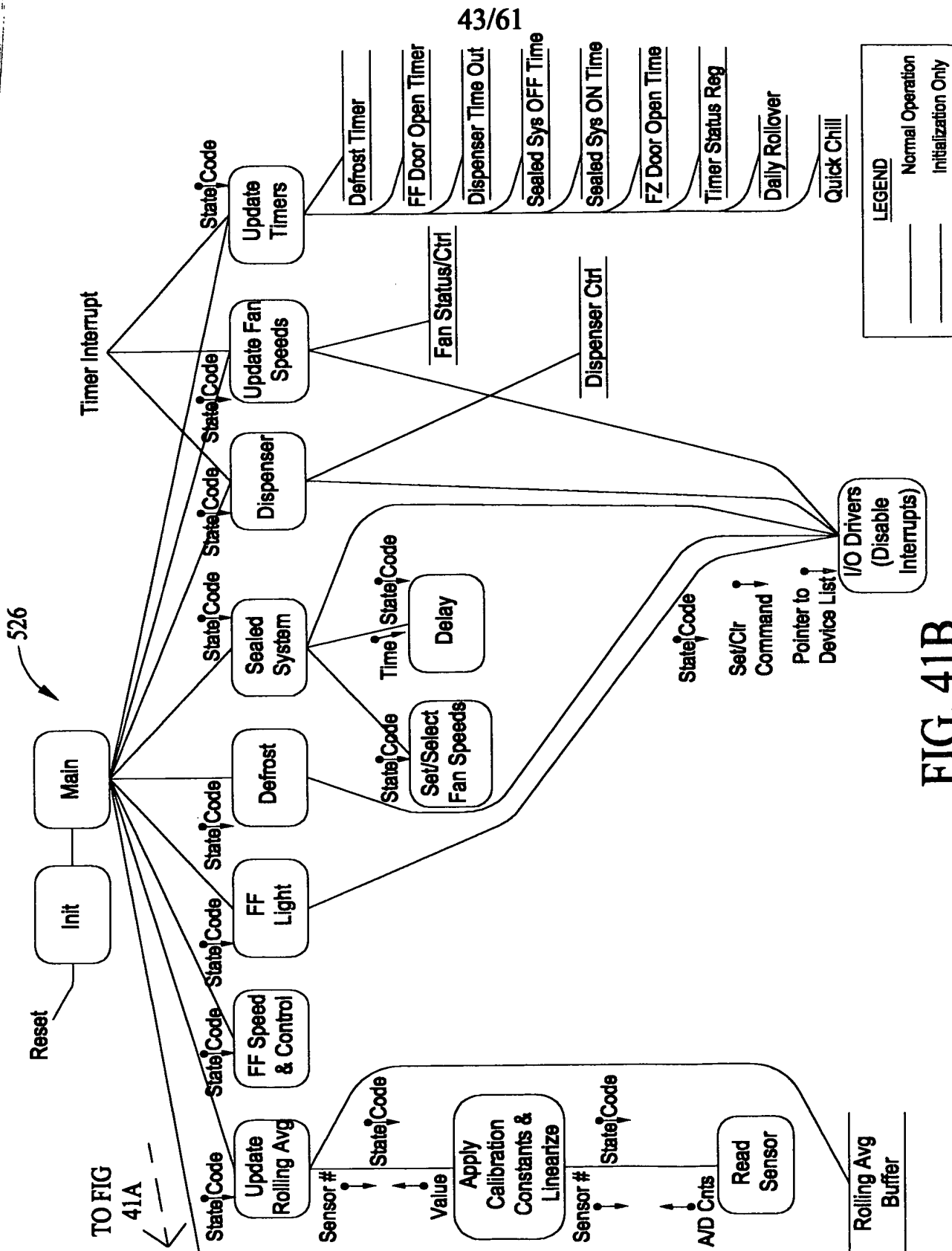


FIG. 41B

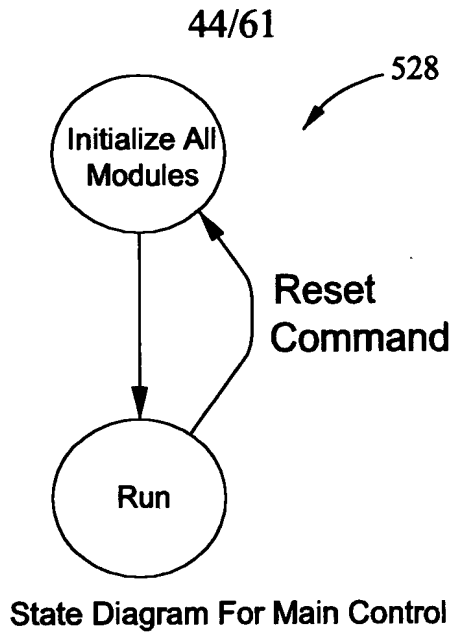
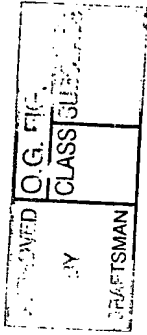


FIG. 42

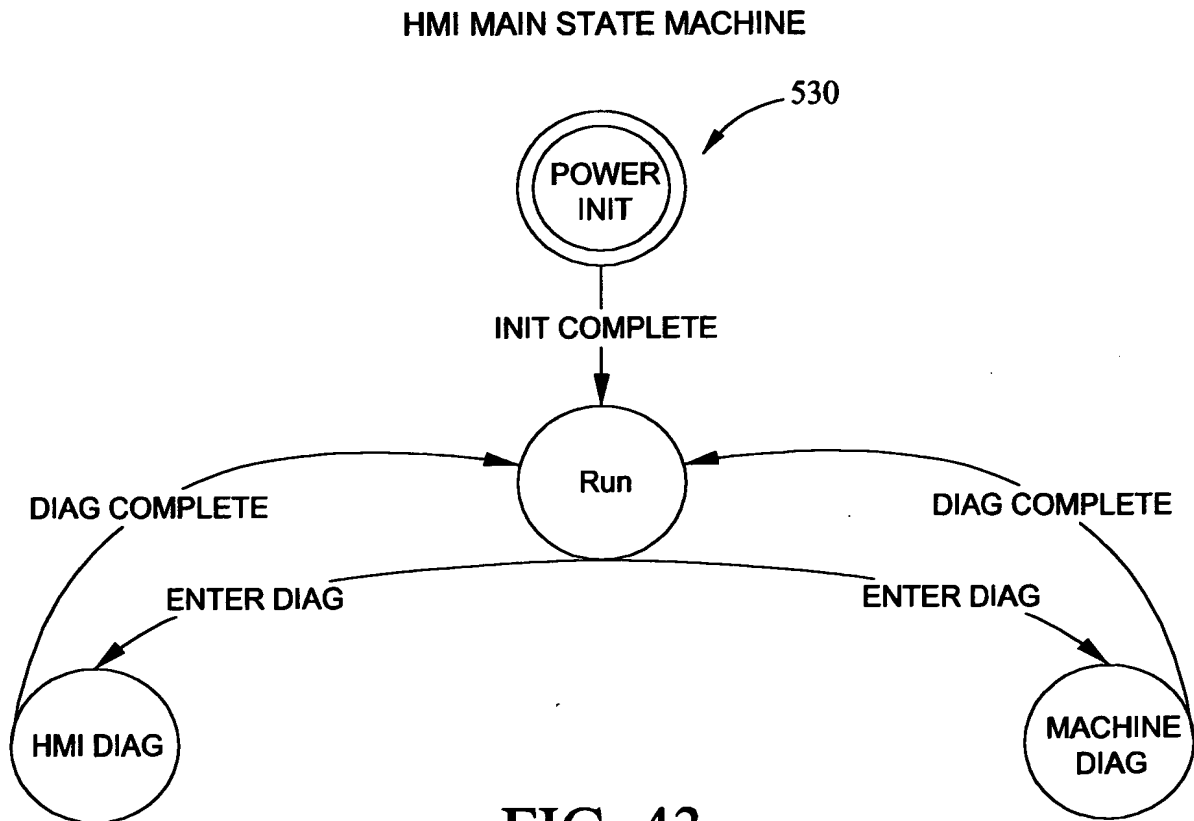
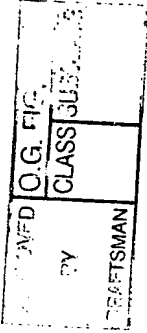


FIG. 43



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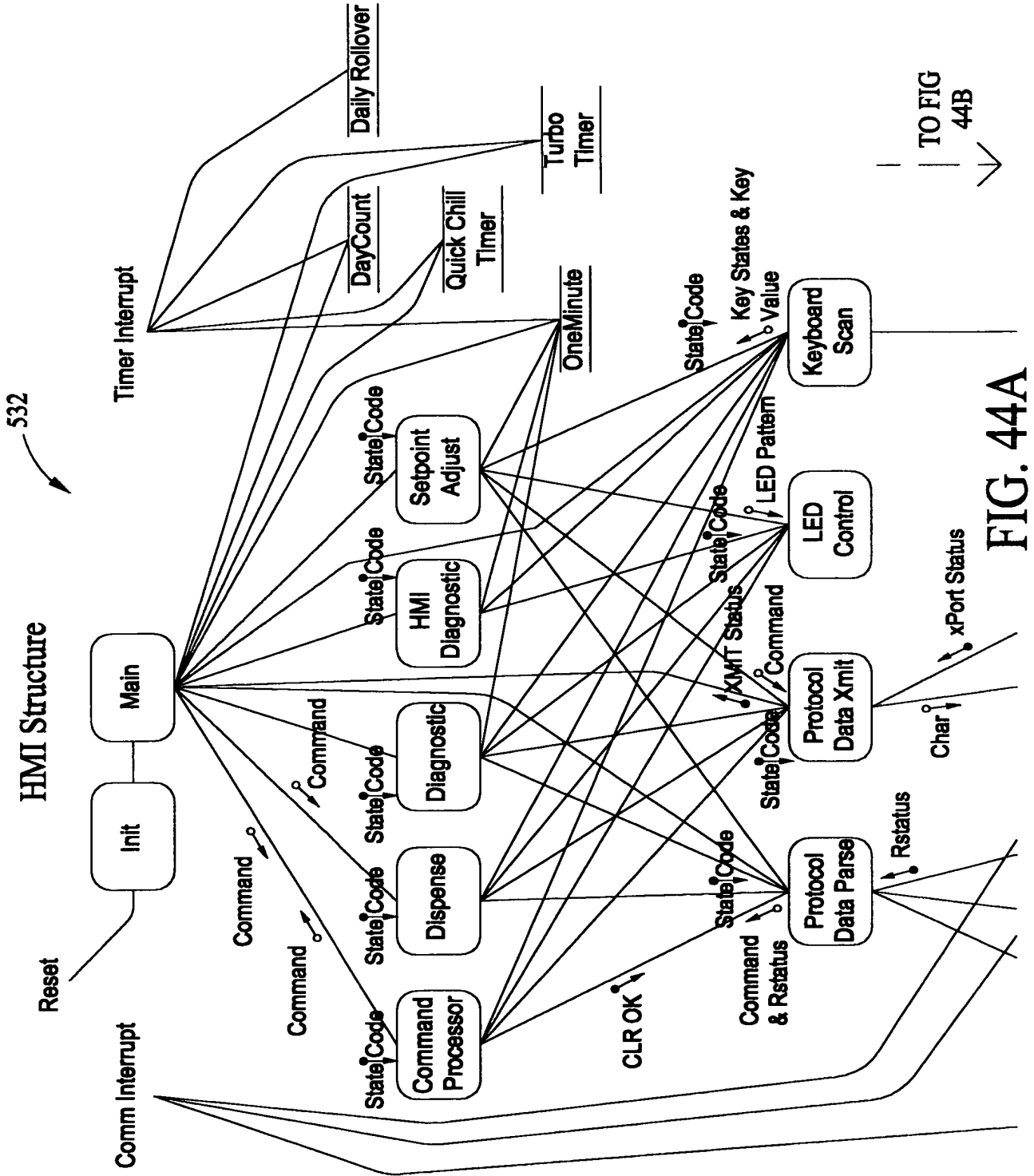
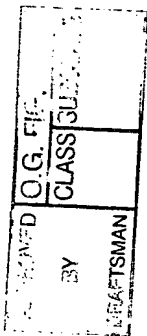
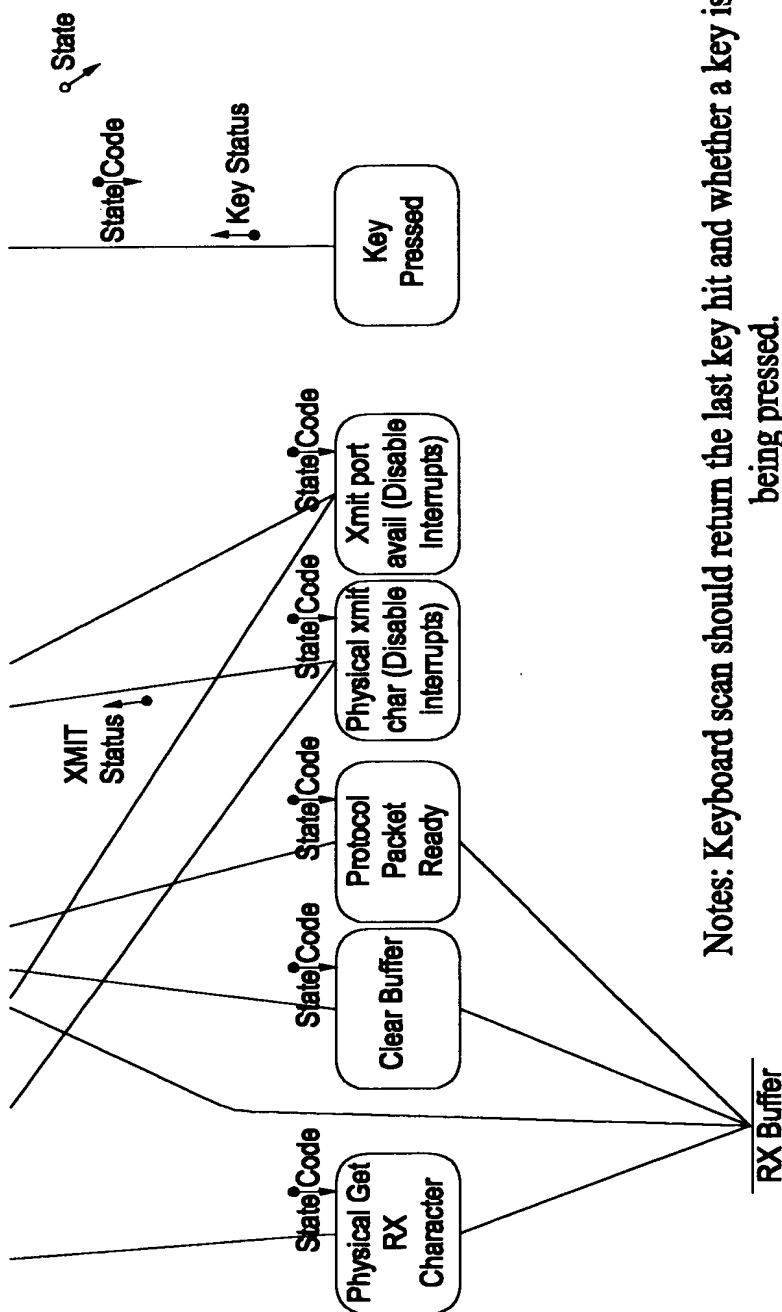


FIG. 44A



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TO FIG
44A

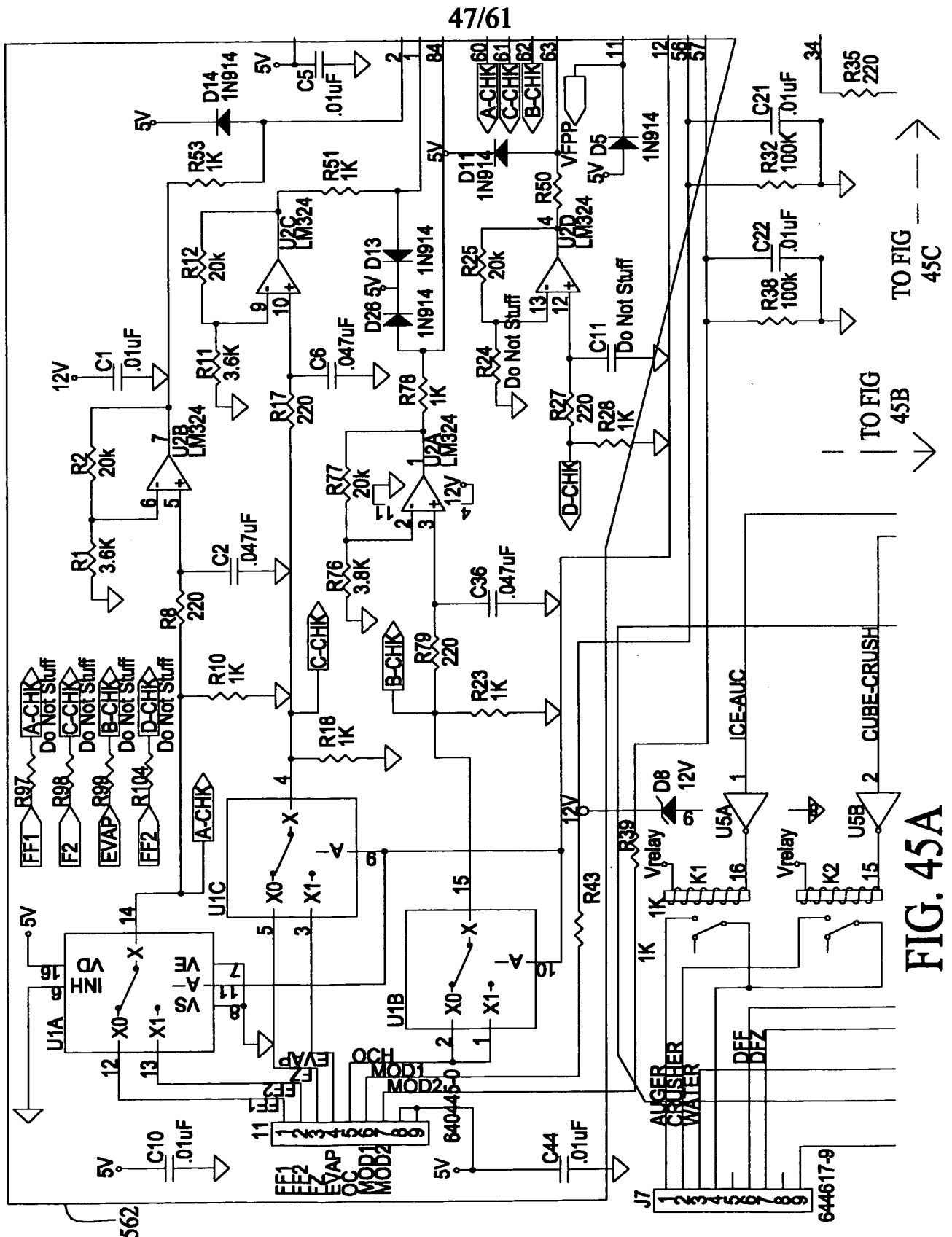


Notes: Keyboard scan should return the last key hit and whether a key is presently being pressed.
Calls Stack Depth: Main->Diag->KeyPressed->Cccom Interrupt->Physical get character

FIG. 44B



RECEIVED	O. G. FIG.
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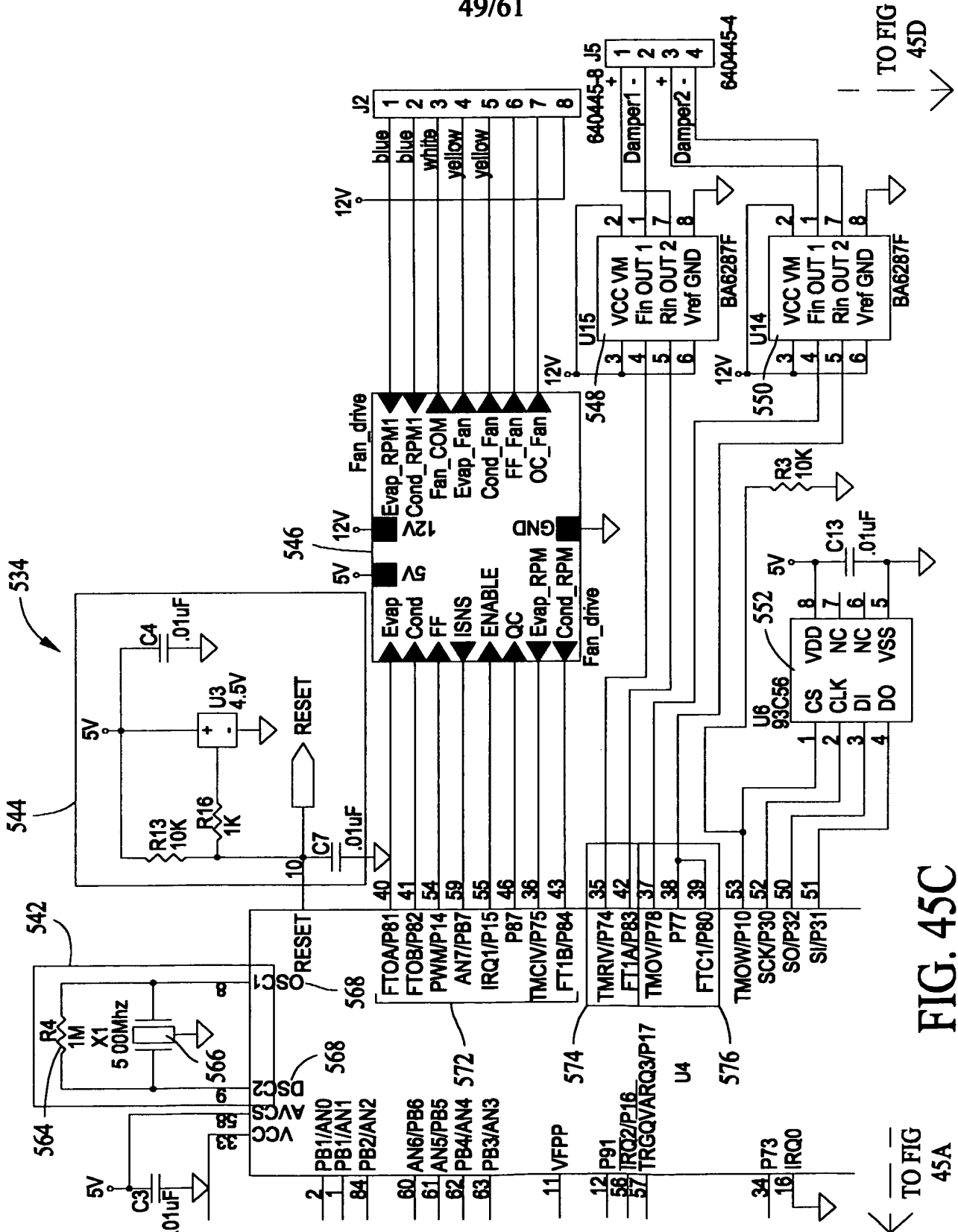
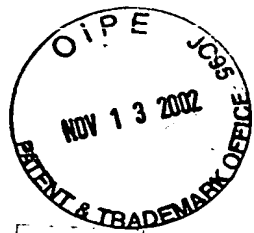
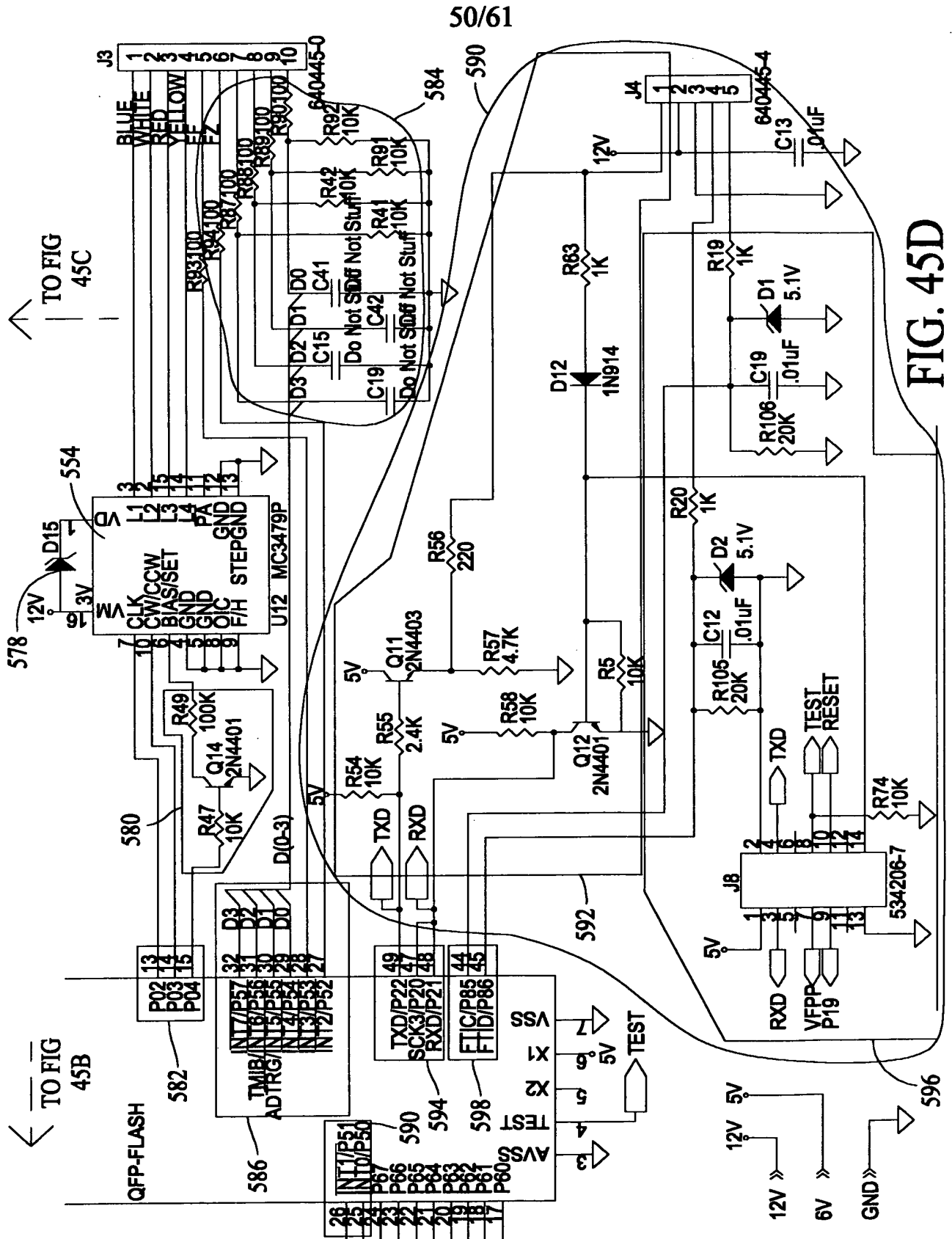


FIG. 45C



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Applicant: Holmes et al.
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St. Louis, MO 63102 (314) 621-5070



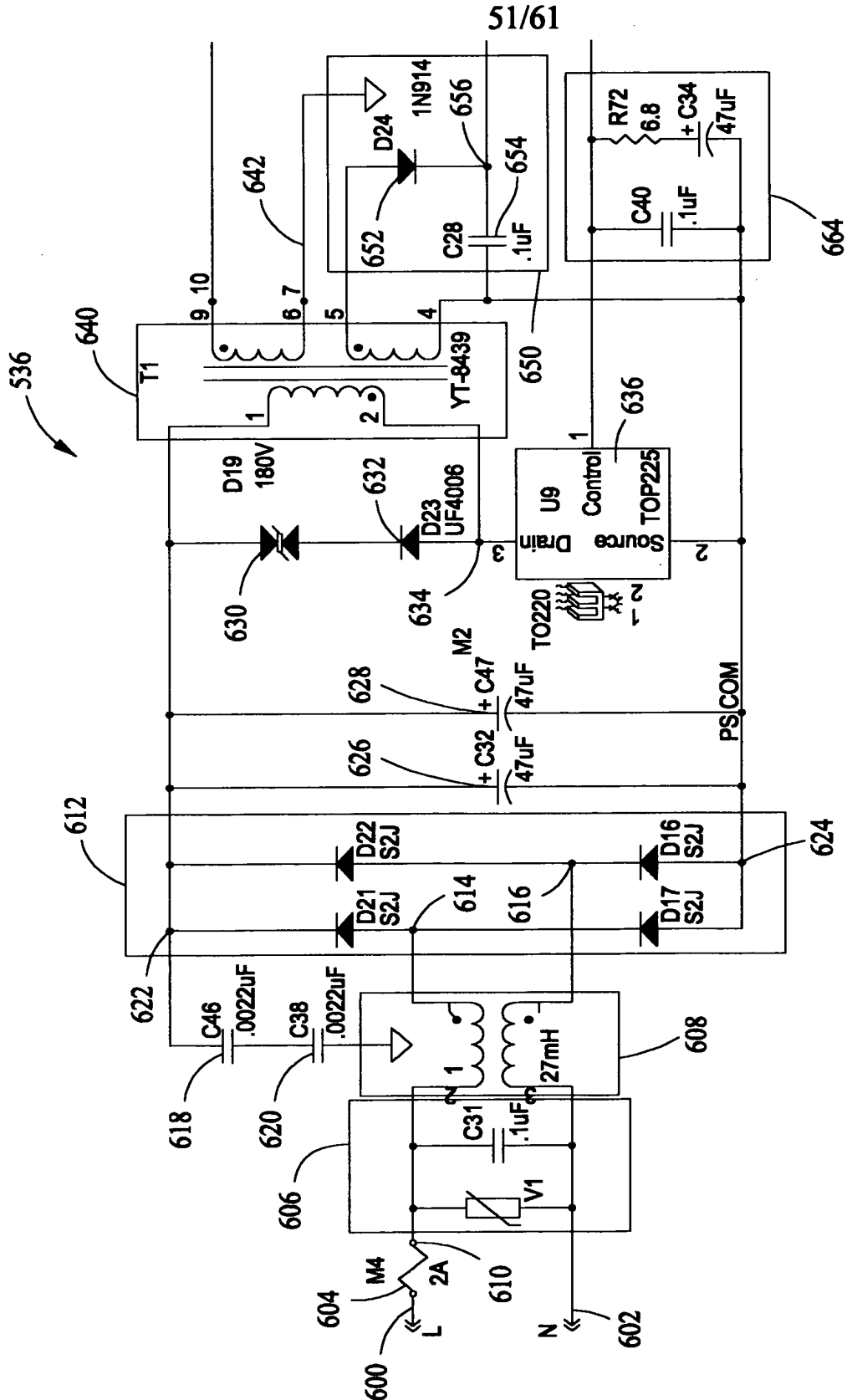
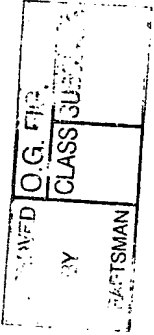


FIG. 45E



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APPROVED	O.G. FIG.
BY	CLASS. SUB. 2/2/03
DATE	11/13/02

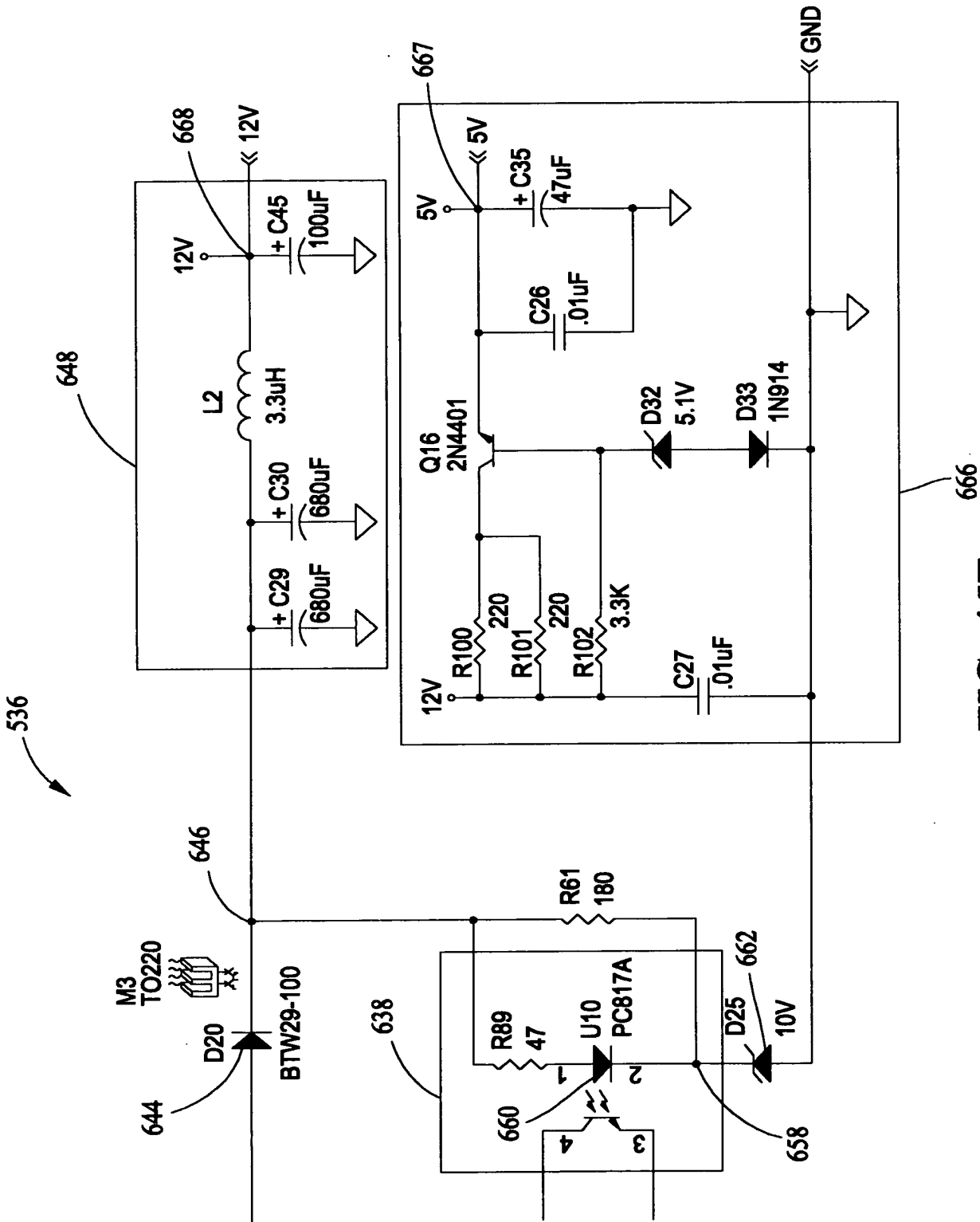
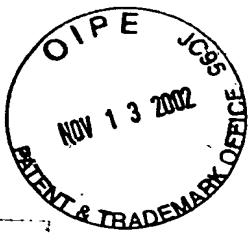


FIG. 45F



APPROVED	O.G. FIG.
BY	CLASS. GUSTAV
CRAFTSMAN	

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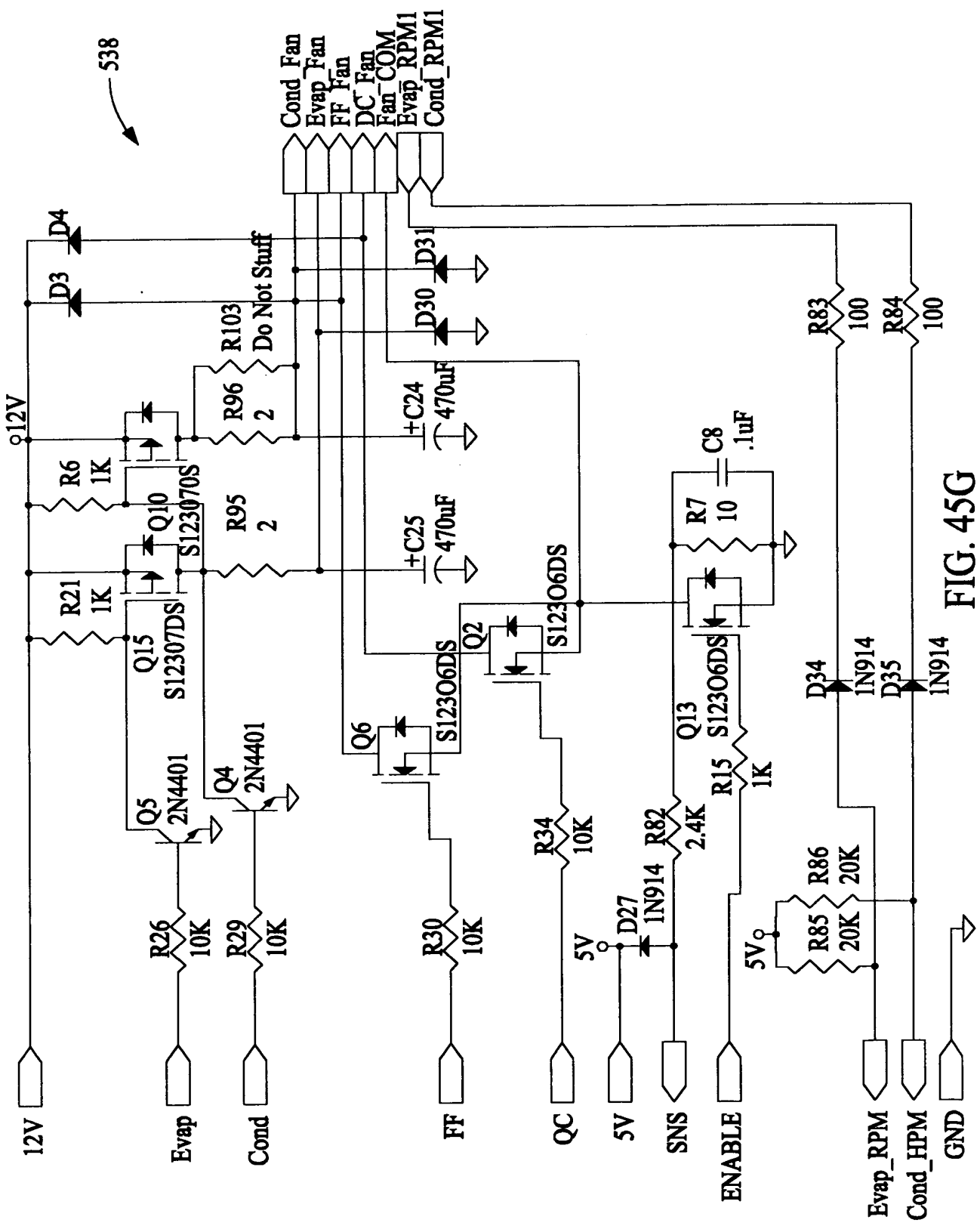
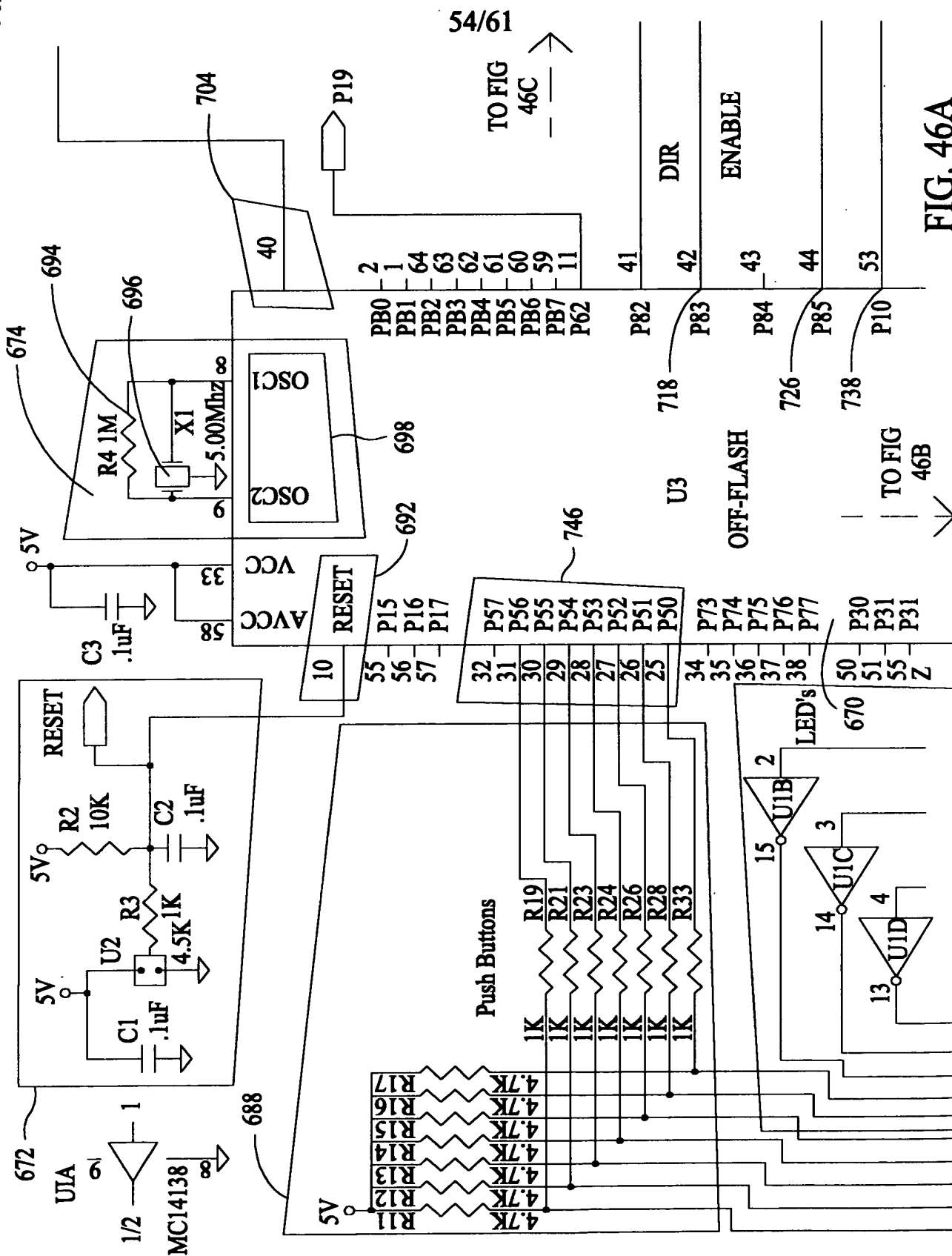
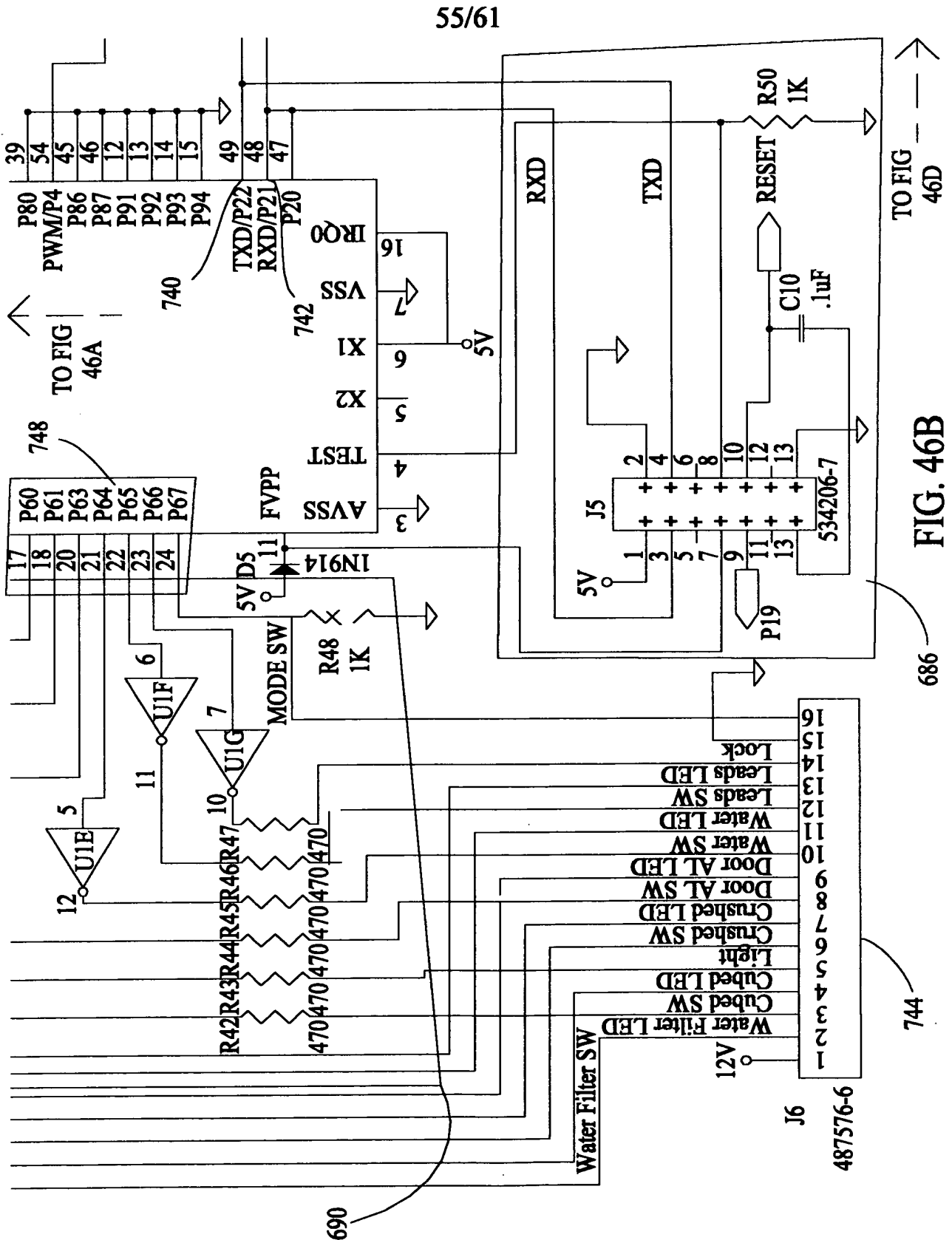
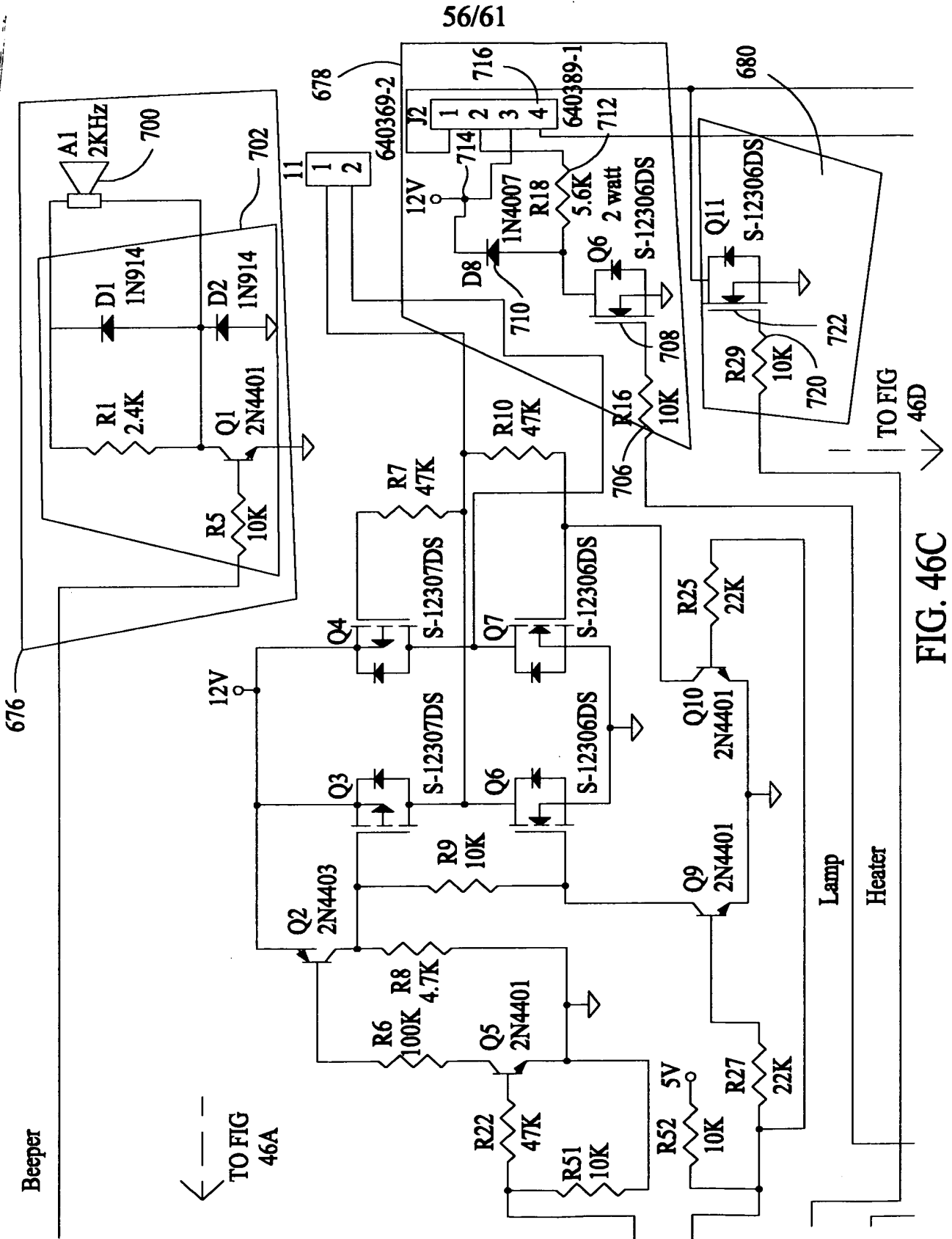
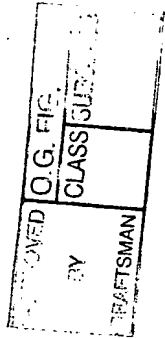


FIG. 45G









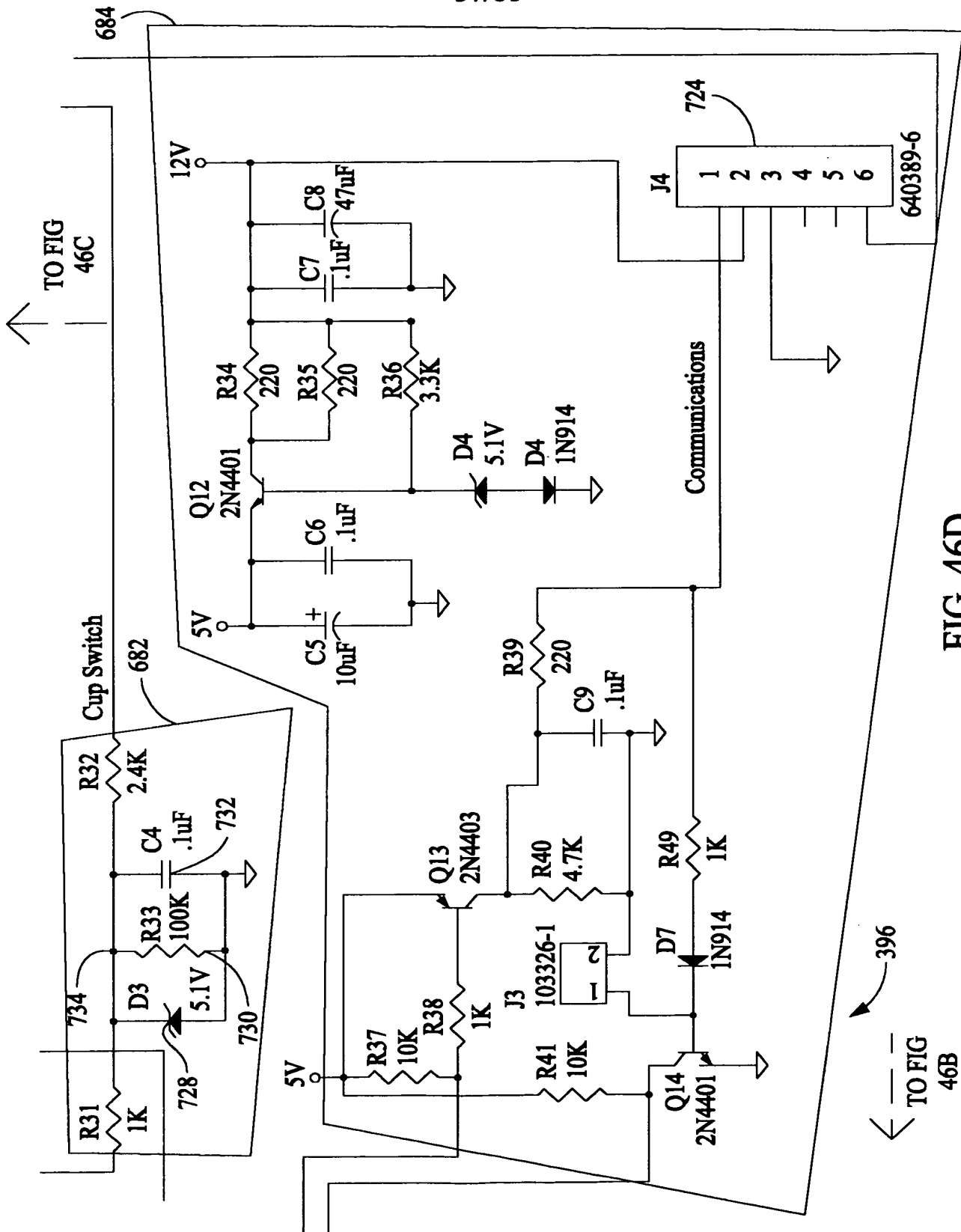
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Atty. Dkt. No.: 9D-HR-19396

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APPROVED	O.G. FIG.
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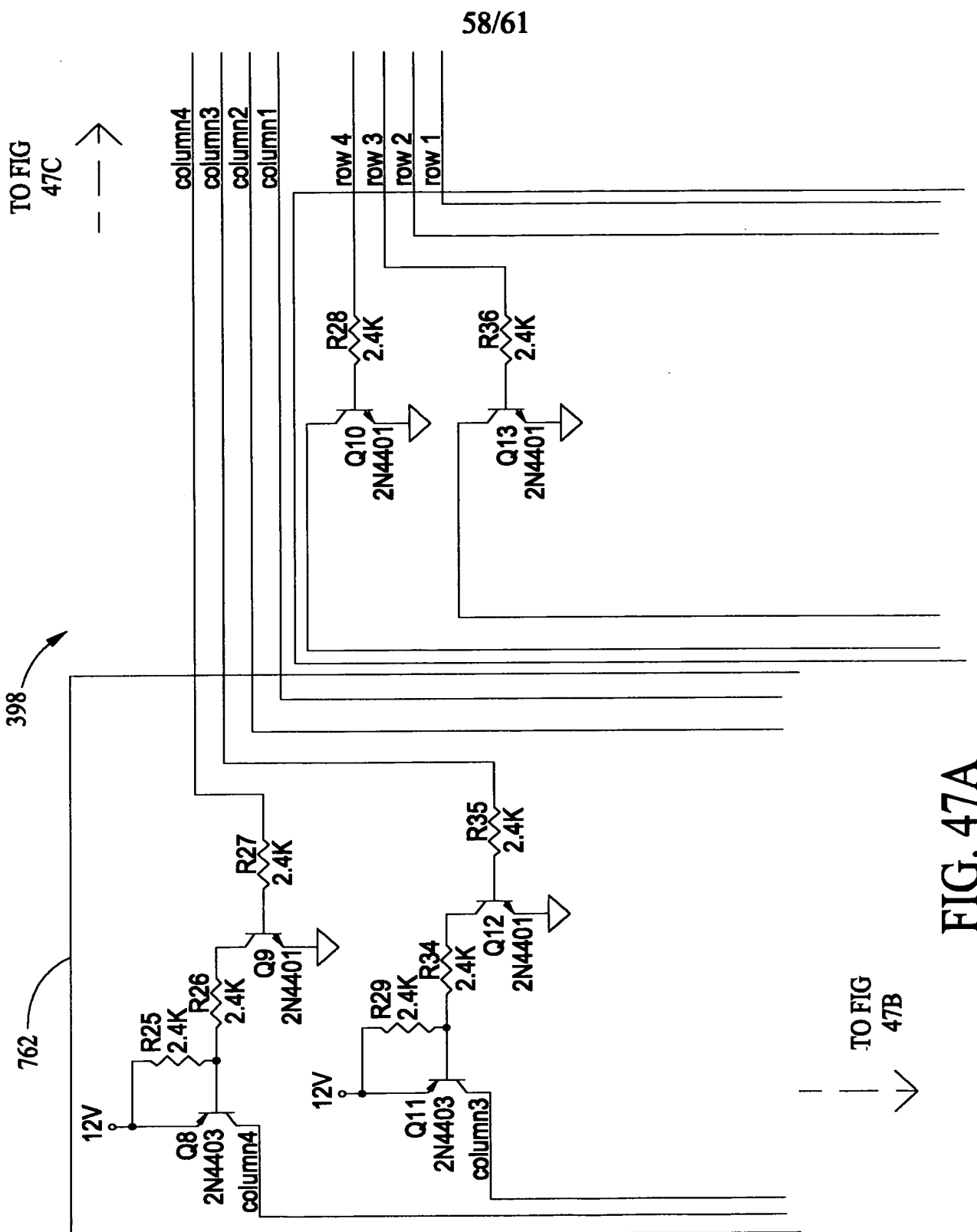


FIG. 47A



RECEIVED	CLASS	FIG.
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St. Louis, MO 63102 (314) 621-5070

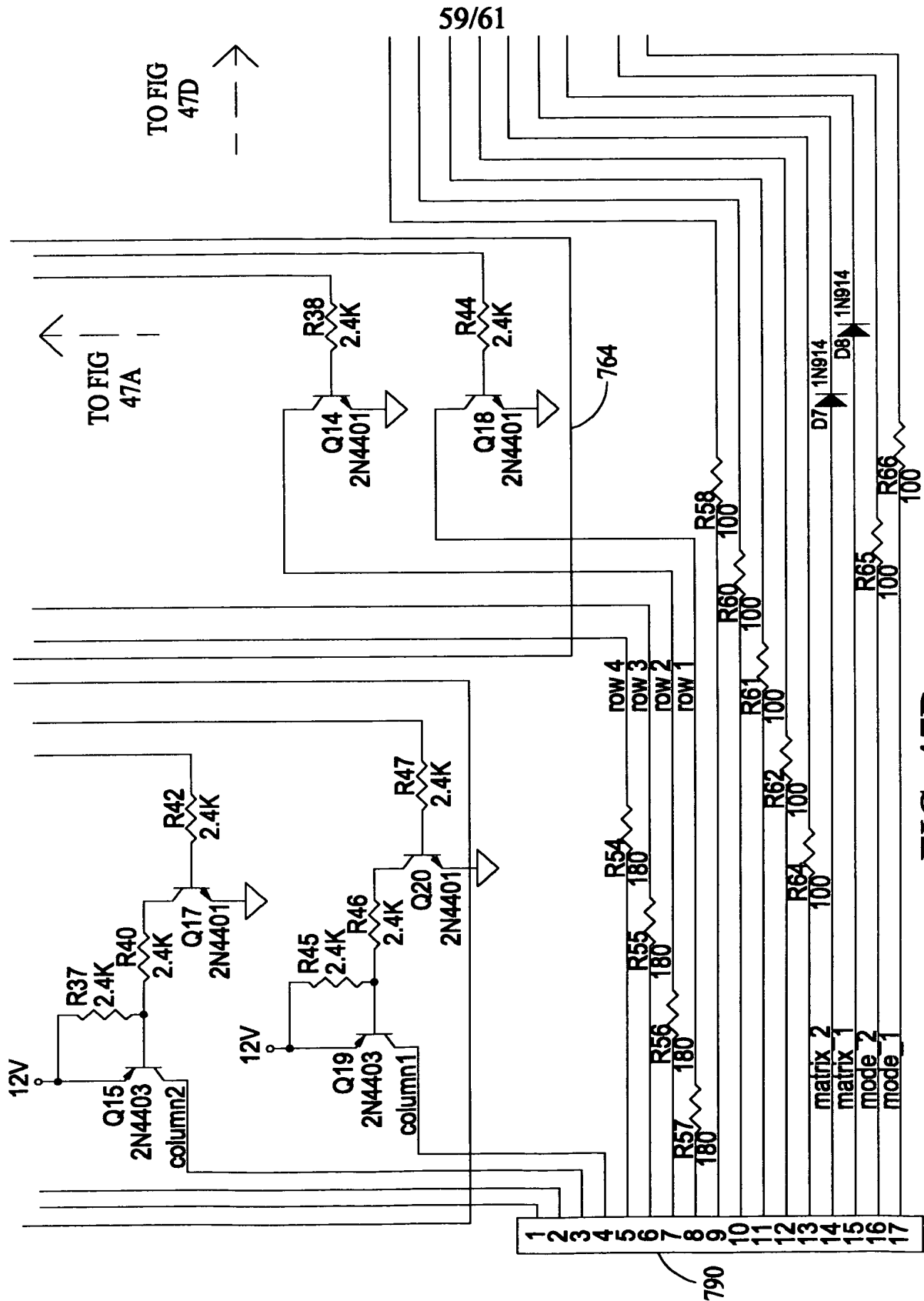
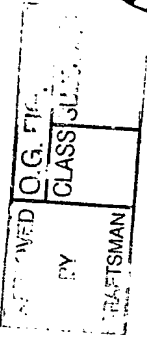
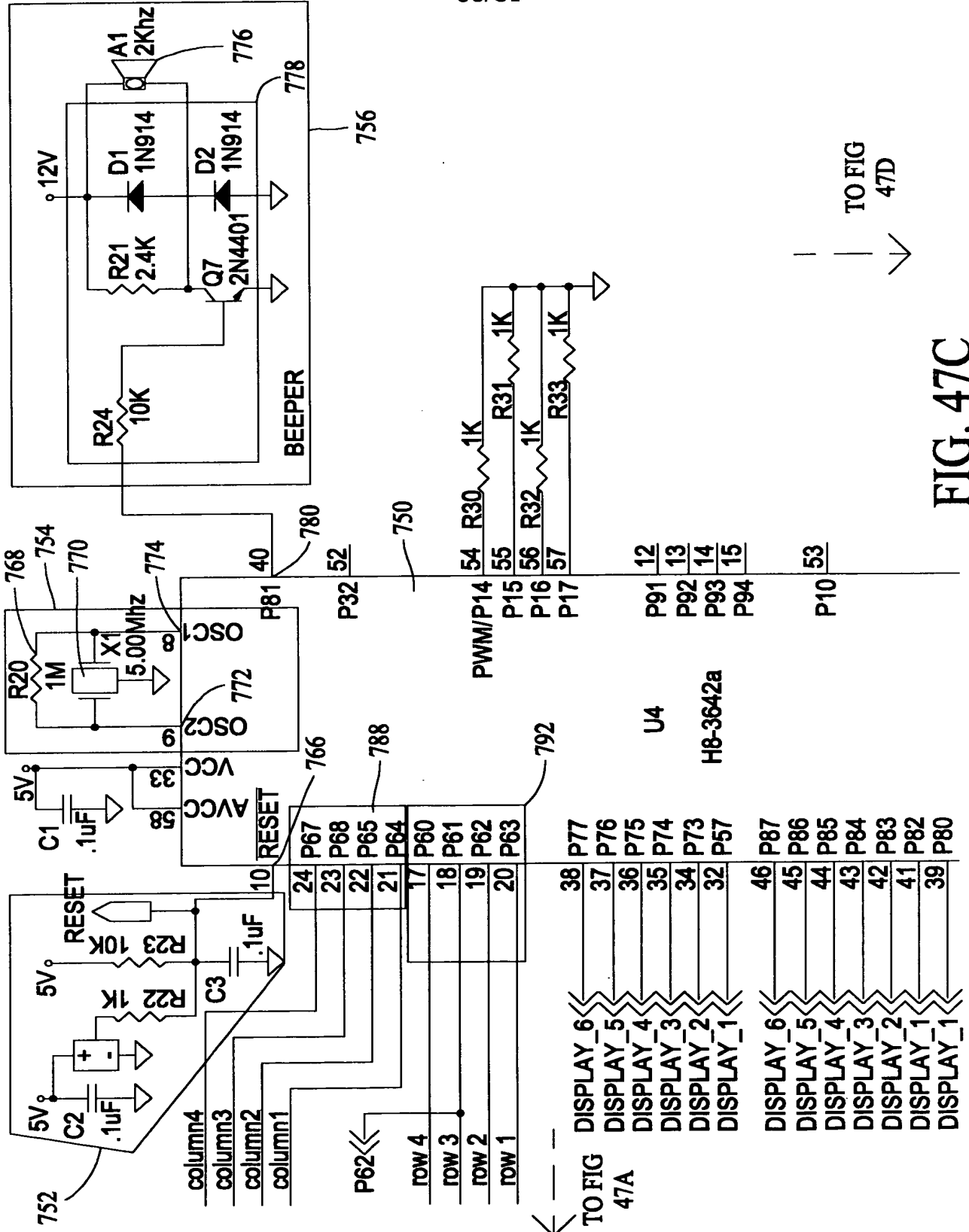


FIG. 47B



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TO FIG
47D

TO FIG
47A



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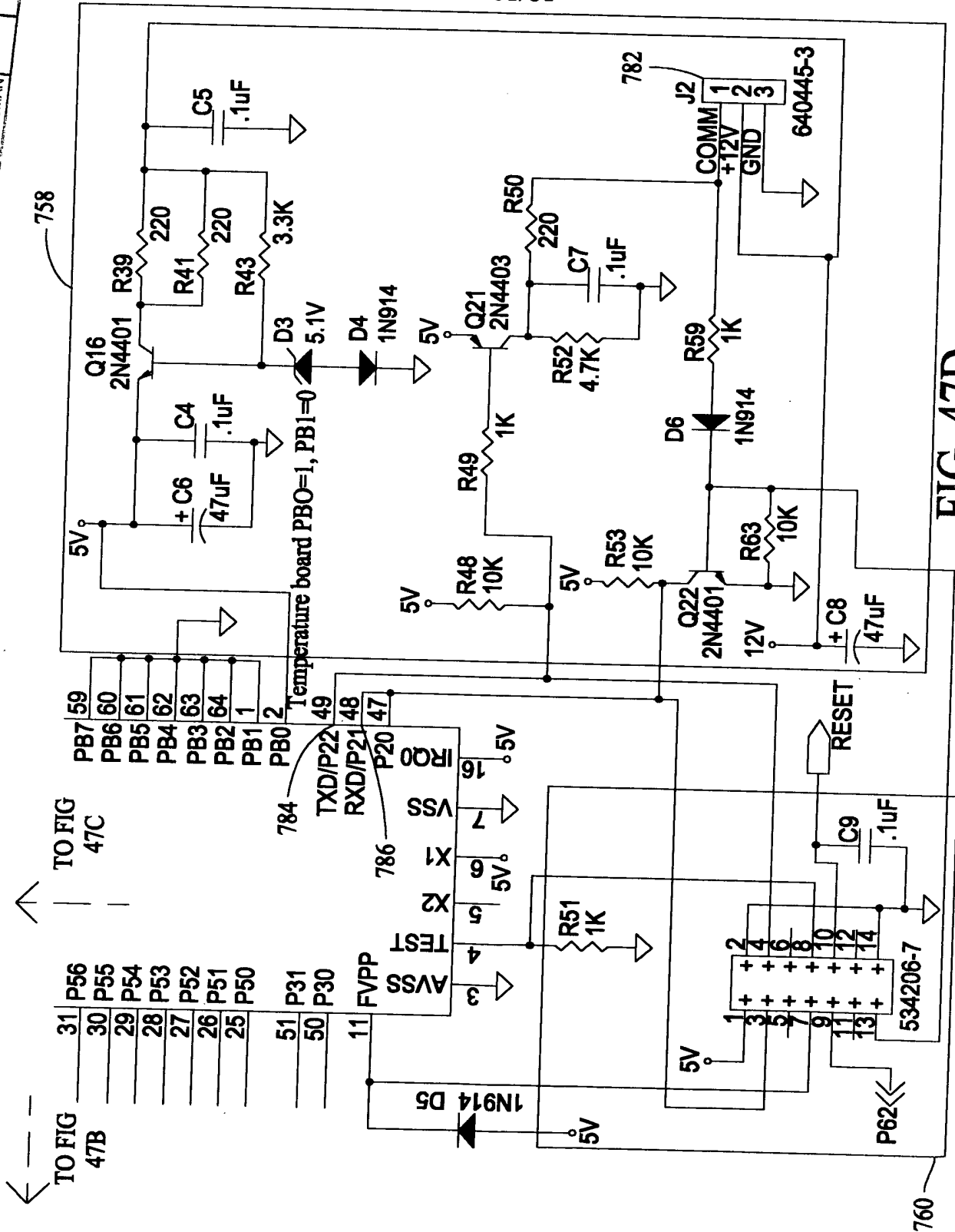


FIG. 47D